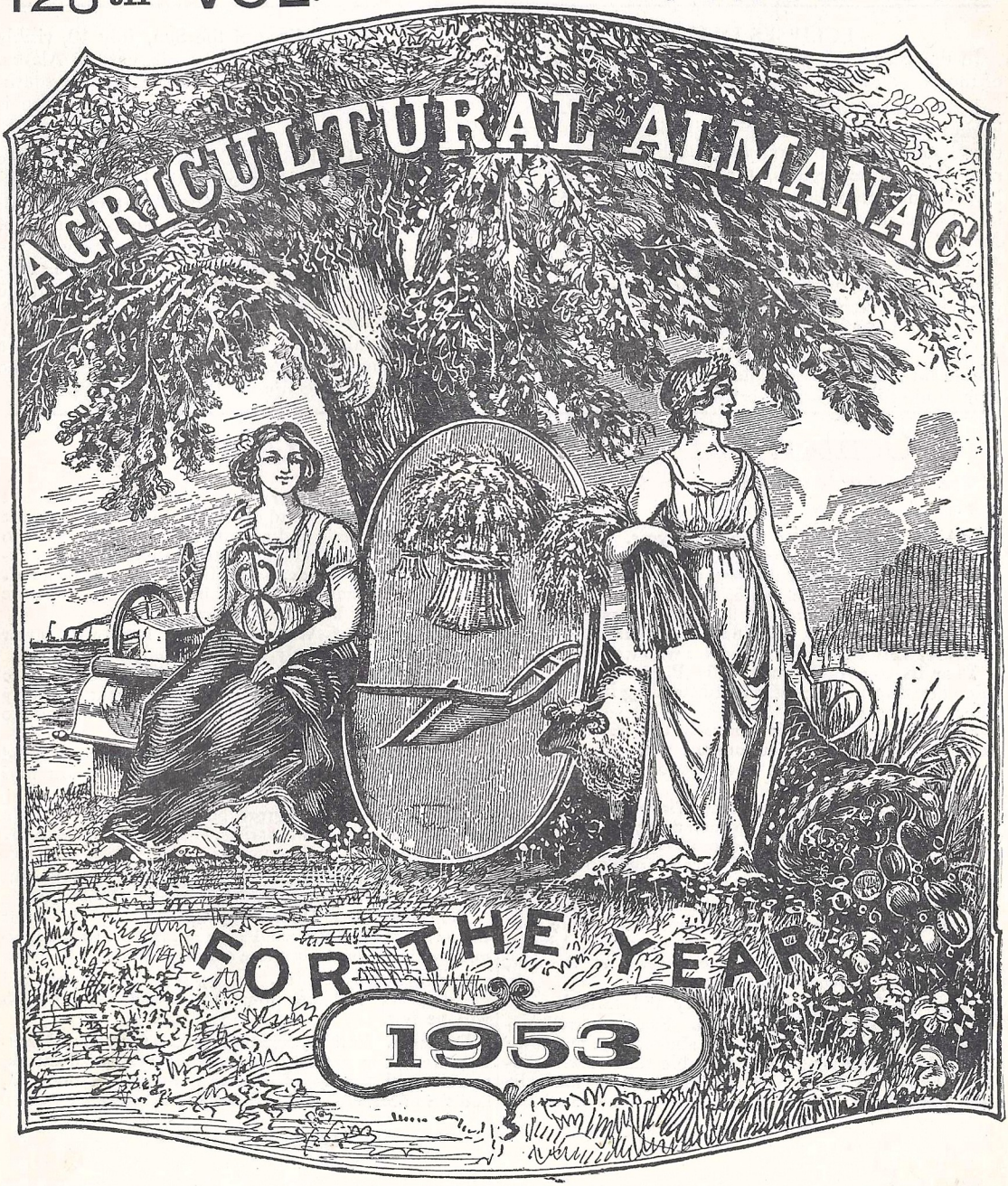
128th VOL. PRICE 20c.



JOHN BAER'S SONS, *Lancaster, Pa.*

Eclipses for the Year 1953.

ECLIPSES IN 1953

In the year 1953 there will be five eclipses, three of the Sun and two of the Moon, as follows:

I. A total eclipse of the Moon, January 29. The beginning will be visible generally in Asia, the extreme northwestern part of Australia, Europe, Africa, the Arctic regions, the northeastern part of North America and the eastern part of South America. The ending will be visible generally in western Asia, Europe, Africa, the Arctic regions, North America, except the extreme northwestern part, and South America. In the United States the Moon will rise with the elcipse already under way. The size of the eclipse is 1.337.

II. A partial eclipse of the Sun, February 13, visible in eastern Asia and western Alaska. The magnitude of the greatest eclipse is 0.760.

III. A partial eclipse of the Sun, July 10, visible in the northwestern part of Canada, eastern Alaska, the Arctic regions and Greenland, except the southern part. The magnitude of the greatest eclipse is 0.201.

IV. A total eclipse of the Moon, July 26. The beginning will be visible generally in North America except the eastern part, (South America) Antarctica, Australia and the extreme northeastern part of Asia. The ending will be visible generally in the northwestern tip of North America, Australia, Antarctica, and eastern and central Asia. The magnitude of the eclipse is 1.869.

V. A partial eclipse of the Sun, August 9, visible in the extreme southern part of South America. The magnitude of the eclipse is 0.372.

Centennial Almanac for the Year 1953.

The following is an extract from the "Centennial Almanac" for the year 1953.

MARS is the reigning planet this year.

Mars is a bright fiery Star, brilliant and terrible. He completes his revolution every two years, and is by nature hot and dry, choleric, a masculine Planet; is averse to human nature and instigator of war and discord. He has under his influence the affairs of war, alchemy, smiths and all merchanics who work with fire.

Year in General. Under this Planet the year is more dry than humid; for notwithstanding it frequently rains, it is very dry.

Spring. The Spring is generally dry, raw and cold with frost until May; therefore the sheep must not be left go on the grain fields and meadows, for they will do more harm than good.

Summer. Mars above all other Planets causes a hot summer, and the Sun heats to such a degree that a person cannot well pass without shoes over sand and stones. The nights are very warm and uncomfortable. Streams wells and springs will become very small.

Autumn. Is more dry than humid, and those who have good vineyards will get much wine. There will be but little snow before the first Sunday in Advent, and notwithstanding it sometimes freezes in October, the month of November is uniformly warm.

Winter. The winter is cold, dry and variable.

Cultivation of Summer Grain. Barley on well manured fields, timely sown, grows abundantly; but sown on sand and loam at an unseasonable time it will produce but little in the Spring. Everything must be well sown under. The yield of oats will be small but of good quality; however on good fields the yield will be pretty good. Peas and other leguminous plants must be planted on humid and manured ground, if they are to succeed well. Flax seldom succeeds well and hemp remains small with slender stalks; it will however be good. Hay and aftermath there will be but little, therefore sheep should not be kept on the meadows.

Cultivation of Winter Grain. Rye will grow abundantly and perfectly, but wheat only middling.

Autumn Seeding. As the ground will be closed so late by frost and snow, it will not be necessary to hurry much in seeding, but nevertheless the sheep are not to be left on the grains afterwards.

Fruit. Pears succeed better than apples; prunes and cherries there will be but few, also but very few nuts and acorns.

Hops. There will grow but few, and will be in danger from frost in the spring, and from the hail in the summer, but what will come to maturity, will be good.

Grape Culture. This year grapes will be abundant and the wine will be good.

Tempests and Thundergusts. During this year there will be but little wind and rain, but heavy thundergusts which may easily cause conflagrations.

Reptiles and Vermin. Snakes will be numerous and grasshoppers will be unusually abundant but fish will be few.

Diseases. In this year inflammatory fevers and dysentery are apt to prevail, with various strange affections; persons will also be affected with tremors at the head, and fits of melancholy.

AGRICULTURAL

ALMANAC,

FOR THE YEAR OF OUR LORD

1953,

Being the 1st after Leap Year, and until the 4th of July the 177th of American Independence.

CONTAINING

The rising, setting, and eclipses of the Sun and Moon; the phases and places of the Moon; the aspects of the planets, the rising, setting, and southing of the most conspicuous planets and fixed stars, the equation of time, and the time of high water at Philadelphia; with a variety of useful and entertaining matter.

Carefully Calculated for the Meridian of Pennsylvania and the adjoining States by HART WRIGHT COMPANY, Penn Yan, N.Y. (Winter Office Inverness, Fla.) Inquiries about Astronomical Data should be mailed direct to them.

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JOHN BAER'S SONS, LANCASTER, PA.

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CHARACTERS OF THE CONSTELLATIONS.

♈ Aries, the Ram.	♌ Leo, the Lion.	♐ Sagittarius, the Bowman.
♉ Taurus, the Bull.	♍ Virgo, the Virgin.	♑ Capricornus, the Goat.
♊ Gemini, the Twins.	♎ Libra, the Balance.	♒ Aquarius, the Waterman.
♋ Cancer, the Crab	♏ Scorpio, the Scorpion.	♓ Pisces, the Fishes.

ASTRONOMICAL CHARACTERS EXPLAINED.

New Moon.

First quarter, or Moon in general.

Full Moon.

Last quarter, or Moon in general.

☊ Moon's Ascending Node, or Dragon's Head.
☋ Moon's Descending Node, or Dragon's Tail.
◡ Moon's Ascension.
◠ Moon's Descension.
☽ Moon in Apogee, furthest from the Earth.
☾ Moon in Perigee, nearest to the Earth.

PLANETS AND ASPECTS.

☉ Sun.	♃ Jupiter.
☿ Mercury.	♄ Saturn.
♀ Venus.	♅ Herschel, or
♆ Neptune.	♅ Uranus.
⊕ Earth.	☾ Moon.
♂ Mars.	

☌ Conjunction, or planets in the same longitude.
□ Quartile, when they are 90 degrees apart.
☍ Opposition, when they are 180 degrees apart.

NOTE: The Sun and Moon Rises and Sets are given in Civil Time. The Moon's Phases are given in Eastern Standard Time and the Rising, Setting and Southing or Meridian Passage of the Stars, Constellations or Signs, in Civil Time. The Philadelphia High Water is in E. S. T. also, and is the Daylight highwater; for the other highwater subtract or add 12 hours and for the low-waters apply 6 hours either way. For the Standard Time applicable to Lancaster and vicinity add 4 minutes to the Civil Time. For Daylight Saving time add an additional hour. The Moon's place is given for 7:A.M. Eastern Standard Time.

MOVABLE FEASTS

Holy Name of Jesus	Jan. 4
Septuagesima Sunday	Feb. 1
Sexagesima Sunday	Feb. 8
Quinquagesima Sunday	Feb. 15
Shrove Tuesday	Feb. 17
Ash Wednesday	Feb. 18
Quadragesima Sunday	Feb. 22
Mid-Lent Sunday	Mar. 15
Passion Sunday	Mar. 22
Palm Sunday	Mar. 29
Good Friday	Apr. 3
Easter Sunday	Apr. 5
Low Sunday	Apr. 12
Rogation Sunday	May 10
Mothers' Day	May 10
Ascension Day	May 14
Pentecost (Whitsunday)	May 24
Trinity Sunday	May 31
Corpus Christi	June 4
Fathers' Day	June 21
Labor Day	Sept. 7
Gold Star Mothers' Day	Sept. 27
Christ, the King	Oct. 25
General Elections	Nov. 3
Thanksgiving Day	Nov. 26
Advent Sunday	Nov. 29
Sundays after Trinity this year,	25

QUATEMBER OR EMBER DAYS

1st, February 25, 27 and 28.
2nd, May 27, 29 and 30.
3rd, September 16, 18 and 19.
4th, December 16, 18 and 19.

CHRONOLOGICAL CYCLES

Dominal Letter	D
Lunar Cycle or Golden Number	16
Epact	14
Solar Cycle	2
Roman Indiction	6
Julian Period	6666

The chronology of the Jews for the year 5714 begins at sunset September 9, 1953.

The chronology of the Mohammedans for the year 1373 begins at sunset September 9, 1953.

Mars is the "Reigning Planet" this year.

How to Use the Almanac and Understand it.

Many persons do not fully understand how to use an almanac, and for the benefit of such, the following information is given:

QUATEMBER OR EMBER DAYS.—An epithet applied to certain fast-days appointed by Pope Calixtus for imploring the blessings of God on the fruits of the earth, and upon the ordinations performed in the church at this time.

DOMINICAL LETTER.—This is called also the Sunday letter, and is simply an expedient by means of which we can more readily ascertain the day of the week on which any day of the year falls, provided we know on what day of the week New Year Day falls. To the first seven days of January are affixed the first seven letters of the alphabet—A, B, C, D, E, F, G—and of these that which denotes Sunday is called the Dominical Letter. Thus, if Sunday is New Year Day, then A is the Dominical Letter; if Monday, the letter is G., Tuesday-F., etc.

LUNAR CYCLE OR GOLDEN NUMBER.—This is a period of nineteen years, after which time the New and Full Moon fall approximately on the same day of the month as they did at the beginning of the period. Any number of this period is called the Golden Number. To find the Golden Number add 1 to the given year and divide by 19, and the remainder is the number; if there be no remainder, however, the number is 19. Thus for 1931, add 1=1932; divided by 19=101, with a remainder of 13, which is the Golden Number.

EPACT.—The Epact is the Moon's age at the beginning of the year, or the number of days which have elapsed since the last new moon. Its use is in finding the Paschal Full Moon.

SOLAR CYCLE.—A period of 28 years, after which the days of the month return to the same days of the week. Its chief use is to find the Dominical Letter, of which mention has been made.

ROMAN INDICTION.—The Roman Indiction is a cycle of 15 years and is reckoned from the year 313 as its origin. Hence, if any given year less 312 be divided by 15 the remainder will be the current year of the period.

JULIAN PERIOD.—Reckoned from the year 4713 B. C., and may be found by adding 4713 to any given year. Its chief use is found in chronological data.

The following is explanatory of the calendar pages of the almanac:

H. W. H.—The figures in this column signify the hours at which the tide reaches its highest point at the city of Philadelphia.

MOON SOUTH.—The figures in this column denote the time that the Moon crosses the meridian.

MOON PLACE.—This column indicates the passage of the Moon through the Zodiac and the signs it enters on the respective dates. The figures in this column give age of the Moon each day at 7 P. M.

MOON R. & S.—The figures in this column indicate the hour and minute at which the Moon rises or sets, as is indicated by these words.

MISCELLANEOUS PARTICULARS.—This column contains much and varied information. It gives the rising and setting of the principal planets and some of the fixed stars. The fixed stars, which can always be seen on clear nights, are all suns shining by their own light and are at tremendous distances from the earth. They apparently rise and set about the same time from year to year, moving from east to west with the entire vault of the heavens; but since the earth in her yearly path around the sun moves from west to east, these stars rise and set about four minutes earlier each day.

This column indicates the planetary conjunctions, and, as the Moon passes through the twelve signs of the Zodiac each month, conjunctions of this body with the planets are also given. The Moon moves rapidly when nearest the earth (indicated by "Moon in Perigee") and slowly when farthest from the earth (indicated by "Moon in Apogee"). This column also shows when the Sun enters the various signs.

The character which represents the Moon's ascending node denotes that on the date indicated the Moon in ascending crosses the path of the Sun. The symbol which represents the Moon's descending node denotes that on the date indicated the Moon crosses the Sun's path in descending.

The character which represents the Moon's ascension denotes the date of the Moon's greatest declination south (i. e., farthest south), and the character representing the Moon's descension indicates the Moon's greatest declination north.

A planet is said to be in conjunction with another body when it has the same celestial longitude. In inferior planets (Mercury and Venus) this conjunction is of two kinds. When the planet is between the earth and the Sun it is called inferior conjunction and when at the opposite point of its orbit superior

Meteors or shooting stars are small heavenly bodies of metalic or stone composition that pass through the atmosphere of the earth by the millions every 24 hours. They are always most numerous in the hours after midnight and at times appear in showers Most of them are little larger than a grain of sand.

ABBREVIATIONS.—E., evening; m., morning; Per., perigee; Apo., apogee; M., Meteors; S. or So., south or on Meridian; R., rises; S., sets.

JANUARY, 1st Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon: South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars	The Sun: slo. m.	rises. h. m.	sets h. m.
Thursday	1 *New Year*	3	12 55	♋15	6 14	♀ sets 8 20 e	4	7 22	4 45
Friday	2 Abel, Seth	3	1 43	♋16	7 16	⊕ nearest ☉ ♉	4	7 22	4 46
Saturday	3 Enoch	4	2 28	♋17	8 17	Orion ri. 4-6e	5	7 22	4 47
1]	*2nd Sunday after Christmas*					Day's length 9 hours 26 min.			
Sunday	4 *Holy Name*	4	3 10	♌18	9 17	Moon Apogee	5	7 22	4 48
Monday	5 Simon	5	3 51	♌19	10 16	♊ so midnight	6	7 22	4 49
Tuesday	6 *Epiphany*	6	4 30	♌20	11 14	♊ sets 2-3m, ♂☿☉	6	7 22	4 50
Wednesd	7 Isidor	7	5 10	♍21	morn.	☽ ♊ so 9-11 e	7	7 22	4 50
Thursday	8 Erhard	7	5 50	♍22	12 15	8.♋so1-2^{m},☌♆☽	7	7 22	4 51
Friday	9 Julian	8	6 34	♎23	1 18	Job's Cogfin sets8 30e,☌♄☽	7	7 22	4 52
Saturday	10 *Paul, Herm.*	9	7 21	♎24	2 24	Capella so 9 53 e	8	7 22	4 54
2]	*1st Sunday after Epiphany.*					Day's length 9 hours 33 min.			
Sunday	11 Hyginus	10	8 13	♎25	3 32	♂ sets 8 51 e	8	7 22	4 55
Monday	12 Rinehold	11	9 9	♏26	4 40	♊ rises 7-9 e	9	7 22	4 56
Tuesday	13 Hilary	12	10 11	♏27	5 45	Pleiades so 8 12 e ☋	9	7 21	4 57
Wednesd	14 Felix	1	11 14	♐28	6 42	☽ Algol so729e☌☿☽	9	7 21	4 58
Thursday	15 Maurice	2	ev. 16	♐ 0	Sets eve	15.Hyades so 8 ^{52e}	10	7 20	4 59
Friday	16 Marcellus	2	1 15	♑ 1	6 33	☾ Perigee ♌	10	7 20	5 00
Saturday	17 Franklin born	3	2 11	♑ 2	7 50	Menkar so 7 12e,☌♀☌	10	7 20	5 01
3]	*2nd Sunday after Epiphany*					Day's length 9 hours 43 min.			
Sunday	18 Prisca	4	3 3	♒ 3	3 7	♊sets 6e,☌☌☽),☌♀☽)	11	7 19	5 02
Monday	19 *Lee born*	5	3 53	♒ 4	10 21	Kids so 9e	11	7 19	5 03
Tuesday	20 Sebastian	6	4 42	♓ 5	11 33	Hyades sets 3 30m	11	7 18	5 04
Wednesd	21 Agnes	6	5 31	♓ 6	morn	☽ El Nath so 9 22^{e}	12	7 18	5 06
Thursday	22 Vincent	7	6 22	♈ 7	12 44	^{22}Auriga$_{9-10e}^{so}$ ☌♃☽	12	7 17	5 07
Friday	23 Emerentia	8	7 15	♈ 8	1 55	Mira so 6 07 e	12	7 16	5 08
Saturday	24 *St. Catherine*	9	8 9	♉ 9	3 4	Whale so 5-7e	12	7 16	5 09
4]	*3rd Sunday after Epiphany*					Day's length 9 hours 55 min.			
Sunday	25 *Paul's Conv.*	10	9 3	♊10	4 8	Sirius so 9 40 e ♠	13	7 15	5 10
Monday	26 Polycarpus	11	9 57	♊11	5 3	Betelguese so 9 29 e	13	7 14	5 12
Tuesday	27 Chrysostom	12	10 49	♋12	5 52	Pollux so 11^{18e},☌☿☽	13	7 14	5 13
Wednesd	28 Charles	1	11 39	♋13	6 31	☽ Castor so 11 e	13	7 13	5 14
Thursday	29 *McKinley born*	1	morn	♌14	rises eve	29.Eclipse of☽ ♉	13	7 12	5 15
Friday	30 Adelgunda	2	12 25	♌15	6 8	♃ sets 12 42m	13	7 11	5 16
Saturday	31 Virgil	3	1 8	♌16	7 8	♀ furthest E.	14	7 10	5 17

January has 31 Days.

MOON'S PHASES, Etc.

January

Last Quarter the 8th, at 5 o'clock 9 minutes in the morning; stormy.

New Moon the 15th, at 9 o'clock 8 minutes in the morning; colder.

First Quarter the 22nd, at 12 o'clock 43 minutes in the morning; fair.

Full Moon the 29th, at 6 o'clock, 44 minutes in the evening; unsettled.

Probable State of the Weather.

JANUARY

1–3 Clear skies. Colder in the northeastern states and light snows along the Great Lakes. Fair in the northwest area, pleasant in the southwest. Warmer in the Gulf states.

4–7 Unsettled spell. Local snows and rains in the north Pacific states and showers in California. Blustery in the southeastern states and lower Mississippi valley. Milder in New England.

8–11 Storm period. Blizzards in the Ohio River valley and eastward to the north Atlantic states. Wind storms in the Missouri River valley and colder in the central states. Warmer in the southwest.

12–15 Unpleasant weather. Cold winds in the northeastern states and snow storms in the upper Mississippi valley. Pleasant in the southwest and stormy northward to the Canadian border.

16–19 Clearing spell. Cold winds in the southeastern states with heavy frosts. Clearing and cooler in the northwest, but continued stormy in the upper Mississippi valley and eastward.

20–23 Fair weather. Clear skies and warmer in the southeast and up to the mid-Atlantic states, snow squalls in New England and along the Great Lakes. Pleasant in Oregon, Washington and southward.

24–27 Storm period. Heavy snows in the northeastern states and rains in the south. Windy and wet in central sections and gales on the Pacific coast.

28–31 Unsettled spell. Windy and colder in the Ohio River valley and north Atlantic states. Heavy fogs on the Gulf of Mexico. Local storms on the western plains and rains in northwest, fair and sunny in California.

Precipitation normal for the month, temperatures above the average.

CARDINAL POINTS—Eastern Standard Time

Vernal Equinox, entrance of the Sun into Aries, March 20, at 5 o'clock, 1 minute in the evening.

Summer Solstice, entrance of the Sun into Cancer, June 21, at 12 o'clock noon.

Autumnal Equinox, entrance of the Sun into Libra, September 23, at 3 o'clock, 7 minutes in the morning.

Winter Solstice, entrance of the Sun into Capricorn, December 21, at 10 o'clock, 32 minutes in the evening.

JANUARY FARM & GARDEN LORE

"A man can be deceived in three things: in a woman until he marries her; a tree until cut down; in the day until done."

It's time to make certain you're on the list for new seed and nursery catalogues.

Watch temperatures in forcing houses, since sun heat is increasing.

THE PLANETS IN 1953

Morning Stars

MERCURY—A few days before and after April 15, August 13 and December 1.

VENUS—April 13 to December 31.

MARS—July 8 to December 31.

JUPITER—May 24 to December 13.

SATURN—January 1 to April 14 and October 23 to December 31.

EVENING STARS

MERCURY—A few days before and after March 2, June 27 and October 23.

VENUS—January 1 to April 13.

MARS—January 1 to April 8.

JUPITER—January 1 to May 24 and December 13 to December 31.

SATURN—April 14 to October 23.

BRIGHTEST OR BEST SEEN

MERCURY—As an Evening Star March 2, setting about an hour after the Sun near the sunset point of the horizon; and a Morning Star August 13, rising about an hour ahead of the Sun near the sunrise point of the horizon.

VENUS—March 7 as an Evening Star, May 19 as a Morning Star.

MARS—January and December.

JUPITER—December.

SATURN—April.

DIM OR INVISIBLE

MERCURY—At all other times than those given above.

VENUS—April 5 to 20.

MARS—July.

JUPITER—May 10 to June 5.

SATURN—October 10 to November 5.

GOD AND THE DOCTOR

God and the doctor we alike adore
When on the brink of danger, not before;
The danger past, both are alike requited:
God is forgotten and the doctor slighted.

Old Proverb

FEBRUARY, 2d Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve h. m.	Miscellaneous Particulars	The Sun. slo. m.	rises h. m.	sets h. m.
5]	*Septuagesima Sunday*					Day's length 10 hours 10 min.			
Sunday	1 Bridget	3	1 49	♐ 17	8 7	☾ Apogee	14	7 09	5 19
Monday	2 *Candlemas Ground Hog Day*	4	2 28	♐ 18	9 6	sets 6-9e Sup. ♂☿☉	14	7 08	5 20
Tuesday	3 Blasius	5	3 7	♑ 19	10 5	♏ so 11-12e	14	7 07	5 21
Wednesd	4 Veronica	5	3 47	♑ 20	11 6	Rigel so 8 15 e	14	7 06	5 22
Thursday	5 Agatha	6	4 29	♑ 21	morn	Sirius so $^{9\ 40e}$ ♂♄☽	14	7 05	5 23
Friday	6 Dorothy	7	5 13	♋ 22	12 9	6 ♏ so 6-8e	14	7 04	5 25
Saturday	7 Richard	8	6 2	♋ 23	1 14	Orion so. 8-9 e	14	7 03	5 26
6]	*Sexagesima Sunday*					Day's length 10 hours 25 min.			
Sunday	8 Solomon	9	6 55	♋ 24	2 21	♏ ri 6–8e	14	7 02	5 27
Monday	9 Apolonia	10	7 52	♋ 25	3 25	Denebola ri. 7 35e ♒	14	7 01	5 28
Tuesday	10 Scholastica	11	8 53	♌ 26	4 25	Crow rises 10-11 e	14	7 00	5 29
Wednsd	11 Euphrosina.	12	9 54	♌ 27	5 17	♄ rises 10 48e	14	6 59	5 31
Thursday	12 Lincoln Bn.	12	10 55	♌ 28	6 1	Lyra ris 12-1m	14	6 58	5 32
Friday	13 Aurora	1	11 53	♍ 0	sets eve.	13 Kids so 8e ♌	14	6 56	5 33
Saturday	14 Valentine Day	2	ev. 48	♍ 1	6 40	Moon Perigee ♂☽	14	6 55	5 34
7]	*Quinquagesima Sunday*					Day's length 10 hours 41 min.			
Sunday	15 Faustinus	3	1 40	♎ 2	7 57	Capella so 7 35 e	14	6 54	5 35
Monday	16 Julianus	4	2 32	♎ 3	9 13	Regulus^{so} 12 18^{m} ♂♂☽	14	6 53	5 36
Tuesday	17 Shrove Tue.	5	3 23	♎ 4	10 29	Pollux so 9 52e ♂♀☽	14	6 51	5 38
Wednesd	18 Ash Wednes	5	4 15	♎ 5	11 42	Rigel so 7 20 e	14	6 50	5 39
Thursday	19 Susannah	6	5 9	♎ 6	morn	Castor $^{so}_{9\ 36}$ e ♂♃☽	14	6 49	5 40
Friday	20 Eucharius	7	6 3	♎ 7	12 53	^{20}Perseus so 5-6 e	14	6 47	5 41
Saturday	21 Eleonora	8	6 59	♏ 8	1 59	♀ sets 9 29 e	14	6 46	5 42
8]	*Quadragesima Sunday*					Day's length 10 hours 59 min.			
Sunday	22 Washington Born	9	7 53	♏ 9	2 58	El. Nath so 7 ☽4 e ♈	14	6 44	5 43
Monday	23 Serenus	10	8 46	♏ 10	3 49	Praesepe so $^{10}_{07e}$ ♂☿☽	13	6 43	5 45
Tuesday	24 *Matthias*	11	9 36	♏ 11	4 30	♏ ri 2–3m	13	6 42	5 46
Wednesd	25 *Ember day*	11	10 22	♐ 12	5 5	Aldebaran so 6 16e	13	6 40	5 47
Thursday	26 Nestor	12	11 6	♐ 13	5 34	Lynx so 10e ♉	13	6 39	5 48
Friday	27 *Ember day*	1	11 48	♐ 14	5 58	♂ sets 8 45 e	13	6 37	5 49
Saturday	28 *Ember day*	2	morn	♑ 15	6 20	28. ☾ Apogee	13	6 36	5 50

February has 28 Days.

MOON'S PHASES, Etc.

February

Last Quarter the 6th, at 11 o'clock 9 minutes in the evening; fair.

New Moon the 13th, at 8 o'clock 10 minutes in the evening; stormy.

First Quarter the 20th, at 12 o'clock 44 minutes in the afternoon; stormy.

Full Moon the 28th, at 1 o'clock 59 minutes in the afternoon; fair.

Probable State of the Weather.

FEBRUARY

1–3 Storm period. Snow storms in the northeastern states and very windy in the upper Mississippi valley. Squalls in the Missouri River valley and rains on the Pacific coast. Fair in the south.

4–7 Fair weather. Clearing and colder in the Ohio River valley and eastward. Frosts in the southeast and pleasant in the southwest. Stormy the first of the week in the Rockies.

8–11 Disagreeable spell. Stormy and unsettled in the Mississippi valley and along the Great Lakes. Northeast storms in New England. Wind squalls in the northwest, showers along the Pacific coast.

12–15 Unsettled spell. Local storms in the lower Atlantic states and along the Gulf of Mexico. Very windy on the southern plains. Pleasant in California, wet snows in Oregon and Washington.

16–19 Cold wave. Clearing and colder in the eastern states with heavy frosts in the south. Cold winds in the central states and blustery on the west coast.

20–23 Storm period. Snow storms in the northeastern states and gales along the Atlantic coast. Cold winds in the south with scattered rains. Rain and sleet on the Pacific slope, snow in the Rockies.

24–28 Fair weather. Clear skies and colder in New England and the Ohio River valley, milder in the southeast. Pleasant in the central states, cold winds on the prairies. Sunny in California.

Precipitation below normal for the month, temperatures average.

FEBRUARY FARM & GARDEN LORE

Set out potted bulbs in a light window for forcing.

"When smoke draws to the ground a storm is near."

Repair coldframes and hotbeds.

BORDERLINE CASE

A farmer who lived in the Pennsylvania-New York border area got tired of trying to decide for himself whether his property was in one state or the other. So he invited officials and surveyors from both states to get together, study his land, and decide whether he was a Pennsylvanian or a New Yorker.

The officials finally came up with a decision.

"You are hereby notified that your farm is in Pennsylvania," they informed him.

"Good," he replied. "I never could stand those tough New York winters."

LOCUST YEAR—1953

The year 1953, according to calculations made in the past century, is a locust year—a year in which the locusts are most prevalent. It's thus the year when the "seventeen-year locust" can be expected.

The last locust year was 1936, when the Moon was the reigning planet. The next after 1953 will be 1970, when the reigning planet will be Mercury.

HIGHLIGHTS OF THE SKY IN 1953

This year a number of interesting celestial events will occur, probably the most colorful being the total eclipse of the Moon in early evening hours on January 29. In eastern United States the Moon will enter the earth's dark shadow shortly before moonrise. Total eclipse will begin at 6:05 p.m. and end at 7:30 p.m., Eastern Standard Time, with the Moon leaving the dark shadow at 8:40 p.m. Another total eclipse of the Moon will occur on July 26, but will not be visible in eastern states. In western areas the Moon will set before the eclipse ends.

During January, February and March the western evening sky will be dominated by brilliant Venus, the brightest of our planets. Venus goes through various phases, similar to those of our Moon, plainly visible through a small telescope. On March 7, when brightest as an Evening Star, she will appear as a thin crescent. Her brilliancy at this time will be so great that she can be easily seen in daylight, if one knows where to look for her. Close to Venus during these three months will be the ruddy planet Mars, only 12′ separating them on January 17.

Following April 13, Venus will be a Morning Star, and on October 4 will again be in close conjunction with Mars, with only 2′ separating the two planets, both rising about 3:30 a.m. She will be 2° south of brilliant Jupiter on July 22 and 1° south of Saturn on November 13.

An unusual astronomical event will take place at noon on November 14, when the planet Mercury will cross the face of the Sun. Such a "transit" of Mercury occurs every 4 to 13 years, while transits of Venus, the other planet that passes between earth and Sun, are spaced 122 to 243 years apart, the next occurring in the year 2004. This transit of Mercury can be observed through a piece of smoked glass or dark photograph film. Care should be taken not to look at the Sun with the naked eye.

Very close approaches of the Moon to the planets are always interesting. One will occur on July 10, when Mars will lie 27′ south of the Moon, and another on September 4, when Venus will be 19′ to the north.

All these celestial events will be well worth observing by those interested in the night sky, and, with the exception of the transit of Mercury, each will be more spectacular if observed through a pair of field glasses.

MARCH, 3d Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars.	The Sun. slo. m.	rises. h. m.	sets. h. m.
9]	*2nd Sunday in Lent*					Day's length 11 hours 17 min.			
Sunday	1 *St. David*	2	12 27	♌16	6 59	♃ sets 11 14e	12	6 34	5 51
Monday	2 Simplicius	3	1 7	♌17	7 58	☿ furthest E.	12	6 33	5 52
Tuesday	3 Samuel	4	1 47	♌18	8 58	Swan rises 1–2 m	12	6 32	5 53
Wednesd	4 Adrian	4	2 28	♌19	10 0	North Crown so 4·5 m ☌♆☽,☌♄☾	12	6 30	5 55
Thursday	5 Frederick	5	3 11	♍20	11 4	Regulus so 11 14e	11	6 28	5 56
Friday	6 Fridolin	6	3 57	♍21	morn	♒ so 1-3m	11	6 27	5 57
Saturday	7 Perpetua	6	4 48	♍22	12 9	☿ brightest	11	6 25	5 58
10]	*3rd Sunday in Lent*					Day's length 11 hours 35 min.			
Sunday	8 Philemon	7	5 42	♎23	1 12	8. ♒ set 10-12e ☋	11	6 24	5 59
Monday	9 Prudence	8	6 39	♎24	2 13	Hercules so 5-6 m	11	6 22	6 00
Tuesday	10 Apollonius	9	7 38	♏25	3 6	Procyon so 8 25 e	10	6 21	6 01
Wednesd	11 Ernestus	10	8 37	♏26	3 52	♄ rises 8 53 e	10	6 19	6 02
Thursday	12 Gregory	11	9 35	♐27	4 30	Alphard so 10 04e ♌	10	6 18	6 03
Friday	13 Emma	12	10 30	♐28	5 3	Spica so 1 57 m	9	6 16	6 04
Saturday	14 Zachariah	1	11 23	♐29	5 33	☾ Perigee	9	6 14	6 05
11]	*Mid-Lent Sunday*					Day's length 11 hours 53 min.			
Sunday	15 Christopher	2	ev. 16	♑ 0	sets eve.	15 Sickle$_{10}$ so 30e ☌☿☽	9	6 13	6 06
Monday	16 Cyprianus	3	1 8	♑ 1	8 1	Lynx so 10e	9	6 11	6 07
Tuesday	17 *St. Patrick*	3	2 1	♑ 2	9 18	☌☌☽, ☌☿☽,☌☿☌	8	6 10	6 08
Wednesd	18 Anselmus	4	2 56	♒ 3	10 34	Hare sts$_{11e}$ 10- Inf. ☌☿☉	8	6 08	6 09
Thursday	19 Josephus	5	3 52	♒ 4	11 45	Orion sets 11–12e ☌♃☽	8	6 06	6 10
Friday	20 *Spring beg.*	6	4 50	♓ 5	morn	*Spring beg.* ☉ ent. ♈	7	6 05	6 11
Saturday	21 Benedictus	6	5 46	♓ 6	12 48	☿ sets 8 56e ♓	7	6 03	6 12
12]	*5th Sunday in Lent*					Day's length 12 hours 12 min.			
Sunday	22 *Passion Sun.*	7	6 40	♈ 7	1 44	22. Hyades 11 set 30e	7	6 01	6 13
Monday	23 Eberhard	8	7 32	♈ 8	2 29	Alphard$_9$ so 20e ☌♅☽	7	6 00	6 14
Tuesday	24 Gabriel	9	8 20	♈ 9	3 6	Hamel sets 11 30e	6	5 58	6 15
Wednesd	25 *Ann. V. M.*	10	9 4	♉10	3 36	Castor so 7 20e ♊	6	5 57	6 16
Thursday	26 Emmanuel	11	9 46	♉11	4 3	Pollux so 7 30e	6	5 55	6 17
Friday	27 Gustavus	12	10 27	♊12	4 25	☾ Apogee	5	5 53	6 18
Saturday	28 Malchus	12	11 6	♊13	4 47	Praesepe so 8 e	5	5 52	6 19
13]	*Palm Sunday*					Day's lengtht 12 hours 30 min.			
Sunday	29 Eustaceius	1	11 46	♊14	5 7	Sirius st 11 21e	5	5 50	6 20
Monday	30 Guido	2	morn	♋15	rises eve.	30. ♋ so 8-9 e	4	5 48	6 21
Tuesday	31 Amos	2	12 27	♋16	7 53	♂ sets 8 41e ☌♆☽,☌♄☽	4	5 47	6 22

March has 31 Days.

MOON'S PHASES, Etc.

March

Last Quarter the 8th, at 1 o'clock 26 minutes in the afternoon; fair.

New Moon the 15th, at 6 o'clock 5 minutes in the morning; stormy.

First Quarter the 22nd, at 3 o'clock 10 minutes in the morning; stormy.

Full Moon the 30th, at 7 o'clock 55 minutes in the morning; fair.

Probable State of the Weather.

MARCH

1–3 Unsettled spell. Blustery squalls in the southwest with showers in the Rockies. Cold winds on the Great Lakes and over the north Atlantic states. Sleet and rain on the Pacific coast.

4–7 Fair weather. Clear skies in the eastern states and in the upper Mississippi valley, scattered showers in the south. Cold rains in Oregon and California.

8–11 Storm period. Gales on the Pacific coast and local snow and rain in central and mid-western states. Rains in the southeast area. Blustery on the Great Lakes and eastward into New England.

12–15 Unpleasant weather. Severe storms in eastern states and blustery squalls in the Mississippi valley. Unsettled in the southwest and rains on the western plains.

16–19 Clear skies. Fair and colder in the Ohio River valley and upper Atlantic States, clear and cold in the south. Wind squalls in the southwest and along the Pacific slope.

20–23 Storm period. Sleet and snow in northeastern states and westward to the upper Mississippi valley. Showers in the south Atlantic states and along the Gulf of Mexico. Gales on the Pacific coast.

24–27 Unsettled spell. Wind squalls in central states and rains in the Rockies. Mostly fair in the east with showers in the Ohio River valley. Warm and sunny in the southeast, pleasant in California.

28–31 Pleasant period. Clear and cool in Oregon and Washington, and eastward over the northern plains. Warmer in the southwest. Squalls in New England and showers in the south Atlantic states.

Precipitation above normal for the month, temperatures below average.

MARCH FARM & GARDEN LORE

"Too early sowing is seldom good; too late sowing is no good at all."

Now is the time to place lime on your soil.

Fruit trees can be planted this month.

POINTERS ON SEEDS

Good stands are not obtained from low-test seed.

High quality seed obtained from a reputable dealer is the best insurance of a stand.

Seed kept in a dry, cool place is most likely to retain its vitality.

New seed of certain legumes and grasses often remains dormant some months after harvest.

New clover seed may have a high percentage of "hard" seed.

Hard seeds in legumes may be reduced by scarification.

Scarified seed loses vitality rapidly in storage.

Delayed germination of hard clover seed causes volunteer stands.

THE COW

The cow is a female quadruped with an alto voice and a countenance in which there is no guile. She collaborates with the pump in the production of a liquid called milk, provides the filler for hash, and at last is skinned by those she has benefited, as mortals commonly are.

The young cow is called a calf and is used in the manufacture of chicken salad.

The cow's tail is mounted aft and has a universal joint. It is used to disturb marauding flies, and the tassel on the end has a unique educational value. Persons who milk cows and come often in contact with the tassel have vocabularies of peculiar and impressive force.

The cow has two stomachs. The one on the ground floor is used as a warehouse and has no other function. When this one is filled, the cow retires to a quiet place where her ill manners will occasion no comment and devotes herself to belching. The raw materials thus conveyed for the second time to the interior of her face is pulverized and delivered to the auxiliary stomach. There it is converted into cow.

The cow has no upper plate. All of her teeth are parked in the lower part of her face. This arrangement was perfected by an efficiency expert to keep her from gumming things up. As a result, she bites up and gums down.

The male cow is called bull and is lassoed in Texas, fought in Mexico and shot in Washington. A slice of cow is worth 8 cents in the cow, 14 cents in the hands of packers and $2.40 at the nearest restaurant.

Esso Farm Publications

FOR TOP FARM PRODUCTION

The wise farmer obtains maximum production and greater profits by:

Use of high quality seed of adapted variety.
Use of right fertilizer in ample quantity.
Effective legume seed inoculation.
Use of soil conservation rotations.
Reduction of soil erosion by contour planting.
Maintenance of ample grassland acreage.
Control of injurious insects and diseases.
Eradication of noxious weeds.
Reduction of all weeds to a minimum.
Intelligent use and care of machinery.

APRIL, 4th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars.	The Sun. slo. m.	rises. h. m.	sets. h. m.
Wednesd	1 Theodora	3	1 10	☾17	8 56	♃ sets 9 40 e	4	5 45	6 24
Thursday	2 *Maundy Th.*	4	1 55	☾18	10 1	♋ sets 1-3m	4	5 44	6 25
Friday	3 *Good Friday*	4	2 44	☾19	11 4	Alphard so 8 37 e	3	5 42	6 26
Saturday	4 Ambrosius	5	3 37	☾20	morn	Pleiades sets 10 24 e	3	5 40	6 27
14]	*Easter Sunday*					Day's length 12 hours 49 min.			
Sunday	5 *Easter Sunday*	6	4 33	☾21	12 5	Orion sts 10-12e ☽	3	5 39	6 28
Monday	6 *EasterMon.*	7	5 30	☾22	1 0	6. Regulus so 9 09e	2	5 37	6 29
Tuesday	7 Aaron	8	6 28	☾23	1 46	Perseus sets 12–1 m	2	5 36	6 30
Wednesd	8 Dionysius	9	7 24	☾24	2 26	♋ rises 8-10 e ♌	2	5 34	6 31
Thursday	9 Prochorus	10	8 18	☾25	3 0	No. Crown ri. 6-7e	1	5 32	6 32
Friday	10 Daniel	11	9 10	☾26	3 31	♍ sets 2–4m	1	5 31	6 33
Saturday	11 Ezekiel	12	10 1	☾27	3 58	♀ sets 6 58e ☌☽	1	5 29	6 34
15]	*1st Sunday After Easter*					Day's length 13 hours 7 min.			
Sunday	12 *Low Sunday*	1	10 52	☾28	4 26	☾ Perigee ☌♆☉	1	5 28	6 35
Monday	13 *Jefferson born*	1	11 45	☾ 0	sets eve.	13. Inf. ☌☿☉, ☌☿☾	0	5 26	6 36
Tuesday	14 Tyburtius	2	ev. 39	☾ 1	8 7	Pollux sets 2 10m ☌♄☉	*fst*	5 25	6 37
Wednesd	15 Olympia	3	1 36	☾ 2	9 22	☿ furthes W ☌♂☾, ☌♃☾	0	5 23	6 38
Thursday	16 Calixtus	4	2 34	♋ 3	10 31	♌ rises 10–12e	0	5 22	6 39
Friday	17 Rudolph	5	3 33	♋ 4	11 32	Sickle so 8 30e ♈	1	5 20	6 40
Saturday	18 Aeneas	5	4 30	♋ 5	morn	Praesepe so 7e	1	5 19	6 41
16]	*2nd Sunday After Easter.*					Day's length 13 hours. 25 min.			
Sunday	19 Anicetus	6	5 24	♌ 6	12 23	♋ so 12-2m ☌♅☽	1	5 17	6 42
Monday	20 Sulpitius	7	6 14	♌ 7	1 4	20. S Cross 10 30e	1	5 16	6 43
Tuesday	21 Adolarius	8	7 0	♌ 8	1 37	♂ sets 8 33e ♉	1	5 14	6 44
Wednesd	22 Cajus	9	7 44	♌ 9	2 5	Crow so 10-11e	2	5 13	6 45
Thursday	23 *St. George*	10	8 25	♍ 10	2 29	♌ so 8-9e	2	5 12	6 46
Friday	24 Albert	10	9 4	♍ 11	2 51	Moon Apogee	2	5 10	6 47
Saturday	25 *Mark Evan.*	11	9 44	♍ 12	3 12	Antares so 2 18 m	2	5 09	6 48
17]	*3rd Sunday After Easter*					Day's length 13 hours 42 min.			
Sunday	26 SOUTHERN MEMORIAL DAY	12	10 24	♎ 13	3 33	Sirius sets 9 28e	2	5 07	6 49
Monday	27 *Grant born*	1	11 7	♎ 14	3 56	☾ ☌♂♅, ☌☿♀, ☌♄☽	2	5 06	6 50
Tuesday	28 Vitalis	1	11 52	♌ 15	rises eve.	28. ♌ so 2-3m	3	5 05	6 51
Wednesd	29 Sybilla	2	morn	♌ 16	7 52	Spica so 10 52e	3	5 03	6 52
Thursday	30 Eutropius	3	12 40	♌ 17	8 57	♃ sets 8 18 e	3	5 02	6 53

April has 30 Days.

MOON'S PHASES, Etc.

April

Last Quarter the 6th, at 11 o'clock 58 minutes in the evening; fair.

New Moon the 13th, at 3 o'clock 9 minutes in the afternoon; colder.

First Quarter the 20th, at 7 o'clock 40 minutes in the evening; fair.

Full Moon the 28th, at 11 o'clock 20 minutes in the evening; unsettled.

Probable State of the Weather.

APRIL

1–3 Storm period. Gales on the north Pacific coast and strong winds in the plateau area. Rains in the Mississippi valley and eastward. Sand storms on the southern plains.

4–7 Fair weather. Clear skies in the Ohio River valley and Great Lakes area with lower temperatures. Pleasant in the lower Atlantic states. Hot and dry in the southwest. Fair on the west coast.

8–11 Unsettled spell. Thunder storms in the southeastern states and mostly fair in the north Atlantic sections. Unsettled along the Missouri River and scattered showers on the western plateau.

12–15 Clear skies. Fair and cool in central areas and blustery in the east. Unsettled in the northwest with widely scattered showers. Pleasant in California with brisk westerly winds.

16–19 Storm period. Violent gales along the Atlantic coast and generally stormy in eastern sections. Strong winds in the southwest and showers in Oregon and Washington.

20–23 Pleasant spell. Fair and warmer in most western sections and partly cloudy in Mississippi valley. Thunder storms in the lower Atlantic states. Clearing in the northeast.

24–27 Fair weather. Pleasant spring weather in the upper Mississippi valley and eastward to the Atlantic. Warmer in the southwest. Chill winds on the north Pacific slope, hot in the southwest.

28–30 Unsettled spell. Rainy in the Mississippi valley and along the Missouri River, unsettled in the east. Generally fair on the southern plains and westward to California.

Precipitation normal for the month, temperatures above the average.

APRIL FARM & GARDEN LORE

Strawberry beds should be uncovered, and fertilized between rows.

"Warm April rain is a great blessing."

Herb beds may be started this month.

CAN YOU TOP THESE?

Two farmers were swapping mosquito stories.

"When I was young, I was in our woodlot," said one. "I got out fast after I heard two mosquitoes talking. They had just killed one of our neighbor's steers and the first mosquito said, 'Shall we eat it here or take it home?' And the other told him: 'We better eat it here. If we take it home the big fellows will grab it away from us.' "

"They must have been the little brothers of the ones I saw," replied the other farmer. "I went looking for a lost horse of ours once, and finally found what was left of it in a swamp. The mosquitoes had completely finished it off, and were pitching horseshoes to see who'd eat the harness."

Each liar laughed at his own joke. But they stopped laughing when they looked up and saw a mosquito towing a B-36 bomber through the sky above them.

PENNSYLVANIA DUTCH NUGGETS

Here are some thoughts for the home and garden, secured in an interview with one of our readers who has a wealth of wisdom prevalent in the Pennsylvania Dutch country. If you have variations, or additions, please send them to our Folklore Editor.

Some will be very familiar to older readers:

"When you find two forks at your place, put there accidentally, there's a man coming who's hungrier than you."

"When you go out and have to come back for something you have forgotten, turn around and count and then you will have good luck."

"When you drop a knife on the floor, a lady will come to call; when you drop a fork, a man will call."

Garden Hints

"When the snowball plant blooms in Spring, the weather turns cold."

"When you cut grass on Sunday, it grows better and you keep down the weeds."

"For early potatoes, plant before Mark's Day (April 25) regardless of the weather."

"In planting small flower seed, put each seed into a small sieve with a tablespoonful of sand to plant evenly, then pat into the soil so birds can't eat the seeds."

"All Spring bulbs should be taken up in the Fall for rest and placed in a container covered with soil. They should be watered from time to time so they won't dry out."

"Lilies and Dahlias should be planted very early in Spring."

"Tulips and similar bulbs should be planted in the Fall not deeper than six inches and not mulched with leaves or straw until the ground is frozen hard. They should not be disturbed for several years, but then should be taken up and thinned out."

"Let the first flower or vegetable die on the bush, for seed."

"When Chrysanthemums or Winter shrubs are about a foot high, pinch the tops off to make a stocky bush and more flowers."

"Start all vines in water until roots form before planting. Water often, for a while."

PERMANENT PASTURE TIP

Birdsfoot trefoil is recommended by Penn State extension agronomists for permanent pasture. This legume is a long-lived perennial with a multi-branched taproot which is an aid in dry weather.

MAY, 5th Month.

Weeks and Days.	Remarkable Days.	H. w. n.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars.	The Sun. fast m.	rises h. m.	sets h. m.
Friday	1 *Philip & James*	3	1 33	♍18	9 59	♄ sets 4 29 m	3	5 1	6 54
Saturday	2 Sigismund	4	2 28	♍19	10 56	♍ sets 9-10e ◡	3	5 0	6 55
18]	*4th Sunday after Easter*					Day's length 13 hours 58 min.			
Sunday	3 *Inv. of Cross*	5	3 26	♎20	11 45	Aldebaran sets 8 48e	3	4 58	6 56
Monday	4 Florianus	6	4 23	♎21	morn	♎ so 11e-1m	3	4 57	6 57
Tuesday	5 Godard	6	5 19	♏22	12 26	☾ Crater so 8-9e ♌	3	4 56	6 58
Wednesd	6 Aggeus	7	6 12	♏23	1 1	☾ 6 Arcturus 11^{16e}	3	4 55	6 59
Thursday	7 Domicilla	8	7 3	♐24	1 31	♍ so 7–9e	4	4 54	7 00
Friday	8 Stanislaus	9	7 53	♐25	1 58	Regulus sets 1 42 m	4	4 52	7 01
Saturday	9 Job	10	8 43	♐26	2 25	☾ Perigee	4	4 51	7 02
19]	*Rogation Sun. 5th Sunday after Easter*					Day's length 14 hours 13 min.			
Sunday	10 *Mothers' Day*	11	9 33	♑27	2 53	♍ so 6 00m ☌♀☽	4	4 50	7 03
Monday	11 Mamertus	12	10 25	♑28	3 23	♀ rises 3 18 m	4	4 49	7 04
Tuesday	12 Pancratius	1	11 20	♑29	3 57	☉ Centaur $_{10\text{-}11e,}^{so}$ ☌☿☽	4	4 48	7 05
Wednesd	13 Servatius	2	ev. 17	♒ 0	sets eve.	13. ☌♃☽	4	4 47	7 06
Thursday	14 ASCENSION DAY	3	1 16	♒ 1	9 15	♋ so 1-2m ☌☌☽	4	4 46	7 07
Friday	15 Sophia	3	2 15	♒ 2	10 11	Spica so 9 49e ◠	4	4 45	7 08
Saturday	16 *Armed Forces*	4	3 12	♒ 3	10 57	Corvus so 8–9e ☌♅☽	4	4 44	7 09
20]	*1st Sunday after Ascension*					Day's length 14 hours 27 min.			
Sunday	17 Jodocus	5	4 5	♒ 4	11 34	♍ sets 1-3m	4	4 43	7 10
Monday	18 *Peace Day*	6	4 54	♓ 5	morn	Regulus sets1 09m♌	4	4 42	7 10
Tuesday	19 Potentia	6	5 39	♓ 6	12 5	☉ ♀ brightest	4	4 42	7 11
Wednesd	20 Torpetus	7	6 21	♓ 7	12 31	^{20} Eagle ri. 9-10e	4	4 41	7 12
Thursday	21 Hosditius	8	7 1	♈ 8	12 54	☾ Apogee	4	4 40	7 13
Friday	22 Nat. Maritime Day	9	7 40	♈ 9	1 15	♂ sets 8 18e	3	4 39	7 14
Saturday	23 Desiderius	10	8 20	♉10	1 36	Lyre so 2-3 m	3	4 38	7 15
21]	*Pentecost–Whit-Sunday*					Day's length 14 hours 38 min.			
Sunday	24 Esther	11	9 2	♉11	1 58	Sup. ☌☿☉s☌☿♃,☌♃☉	3	4 38	7 16
Monday	25 Urbanus	11	9 46	♉12	2 22	☌♆☽,☌♄☽	3	4 37	7 17
Tuesday	26 Edward	12	10 33	♊13	2 49	Crater so 7 00e	3	4 37	7 17
Wednesd	27 *Ember Day*	1	11 25	♊14	3 23	☉ Antares ^{so} 12 12^{m}	3	4 36	7 18
Thursday	28 William	2	morn	♋15	rises eve.	28. Milkmaids ^{so} Dipper 2-3^{m}	3	4 35	7 19
Friday	29 *Ember Day*	2	12 20	♋16	8 49	♂ so 1 30-3 30m ◡	3	4 35	7 20
Saturday	30 Ember Day Memorial Day	3	1 18	♌17	9 41	♎ sets 9-11e	3	4 34	7 21
22]	*Trinity Sunday*					Day's length 14 hours 47 min.			
Sunday	31 Manilius	4	2 17	♌18	10 26	♃ ri. 4 25m ☌♄♆	2	4 34	7 21

May has 31 Days.

MOON'S PHASES, Etc.

May

Last Quarter the 6th, at 7 o'clock 21 minutes in the morning; fair.

New Moon the 13th, at 12 o'clock 6 minutes in the morning; stormy.

First Quarter the 20th, at 1 o'clock 20 minutes in the morning; unsettled.

Full Moon the 28th, at 12 o'clock 3 minutes in the afternoon; fair.

Probable State of the Weather.

MAY

1–3 Windy weather. Blustery squalls in the southwest with showers in the Rockies. Rainy and cooler in New England and windy on the Great Lakes. Pleasant in the northwest, hot in the southeast.

4–7 Clear skies. Pleasant in the upper Mississippi valley and over the northern plains. Thunder storms in the lower Atlantic states and cooler in the northeast. Very pleasant in California.

8–11 Unsettled spell. Wind squalls on the Pacific coast and unsettled in central sections. Rains in the Ohio valley, Great Lakes area and north Atlantic states. Squalls in the Gulf states.

12–15 Storm period. Tornado weather in the lower Mississippi valley and eastward. Gales on the Atlantic coast and along the Great Lakes. Strong winds on the western plains and west of the Rockies.

16–19 Fair weather. Mostly clear and cooler in the northwestern states, pleasant further south. Scattered thunder storms and cloudy in the upper Atlantic states, showers in the southeast.

20–23 Unsettled spell. Windy and wet in New England and mid-Atlantic states with fogs on the coast. Hot and dry in the lower Atlantic states. Stormy in the Rockies and along the west coast.

24–27 Changeable period. Clearing and cooler in the northeast, but hot in the lower Atlantic and Gulf states. Pleasant in California and sharp thunder storms on the southern plains.

28–31 Clear skies. Mostly fair and warmer on the northern plains and westward to Oregon and Washington. Local storms in central and eastern sections, very dry in the southwest.

Precipitation below normal for the month, temperatures average.

MAY FARM & GARDEN LORE

Inspect lawn carefully, and eliminate ants.

"If a hoar-frost fall on May 1, one can hope for a good year."

Tomato vines should be staked and pruned.

"ONE INCH OF RAIN"

If you read your weather reports and find that one inch of rain fell the previous day, you may be interested to know just what "one inch of rain" means. Tables published by the Smithsonian Institute in Washington show the following:

Rainfall of .001 inch—one ton of water, or 272 gallons, has fallen on one arce.

Half an inch of rain—113 tons, or 27,154 gallons, has fallen on one acre.

One inch of rain—113 tons, or 27,154 gallons.

Three inches of rain—340 tons, or 81,462 gallons.

Six inches of rain—680 tons, or 162,924 gallons.

ROSES PROTECT STREAMBANKS

Protect your streambanks with rose borders. They not only provide beauty, but also help control erosion.

The multiflora rose is recommended for the top of the bank by the Soil Conservation Service. Purple-osier willow is excellent for the sloping bank, and either silky dogwood or red-osier dogwood at the water edge. The flowering dogwood—a small tree—is not recommended.

In cropped fields, a rose hedge set back a few feet from the top of the bank will prevent ploughing too close to the stream, which loosens soil and makes it more liable to erosion by the flowing current. Also the mass of roots the roses develop is effective in holding the soil. In pastures along streams, the banks are injured seriously by animals moving to and from the streams and loosening the soil. A rose hedge will grow to prevent this kind of damage. Animals can be guided to drink and cross the stream only at favorable points, and will be kept from damaging the banks. The rose planting consists of a single line of rooted cuttings planted about a foot apart. In four or five years these grow to make a hedge that will control livestock.

All these shrubs are commonly available. Some Soil Conservation Districts supply a limited number of them for demonstration plantings; commercial nurseries have them for sale; and they are not difficult to start in a home nursey. In making a planting where the bank is steep, it is wise to slope the banks to an easy grade. Streamside plantings usually need mulching for the first few years with a mat of brush pinned down with stakes and wires.

CARPET BAG STEAK

(This comes from far-off Australia. Perhaps you'll like it too.)

Take a thick rump steak. Wipe it over with a segment of garlic and brush lightly with olive oil. Then cut a diagonal pocket, pack with small oysters and secure the flap back in place with toothpicks. Broil in the usual way. When served, with a little English mustard, this is a memorable dish.

DETTY'S FISH GRIPPER

Marshall L. Detwiler, of Lancaster, has invented an invaluable aid for those who want to handle live fish safely. It's called "Detty's Fish Gripper" and already has thousands of users in this country and abroad. You'll want this specialized light "Fish Gripper" for yourself and friends. For description write to Dept. FG, John Baer's Sons, Box 328, Lancaster, Pa. Price $1.95.

JUNE, 6th Month

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h m.	Place & Age	The Moon. rises eve. h. m.	Miscellaneous Particulars.	The Sun. fast m.	The Sun. rises. h. m.	The Sun. sets. h. m.
Monday	1 Nicodemus	5	3 14	♑ 19	11 2	♄ sets 2 22m ☊	2	4 33	7 22
Tuesday	2 Marcellus	5	4 9	♒ 20	11 34	Castor sets 10 56e, ☌☿☌	2	4 33	7 23
Wednesd	3 Jeff. Davis Born	6	5 1	♒ 21	morn	Arcturus so 9 26e	2	4 32	7 24
Thursday	4 *Corp. Christi*	7	5 50	♓ 22	12 2	4. Swan so 2-4m	2	4 32	7 24
Friday	5 Boniface	8	6 39	♓ 23	12 28	Moon Perigee	2	4 32	7 25
Saturday	6 Artensius	9	7 28	♈ 24	12 55	Deneb so 3 47m	1	4 31	7 26
23]	*1st Sunday after Trinity*					Day's length 14 hours 55 min.			
Sunday	7 Lucretia	10	8 18	♈ 25	1 23	♏ ri 10-12e	1	4 31	7 26
Monday	8 Medardus	11	9 10	♈ 26	1 54	Pollux sets 10 23e ☌☽	1	4 31	7 27
Tuesday	9 Barnimus	12	10 5	♈ 27	2 31	Procyon sets 8 44e	1	4 31	7 27
Wednesd	10 Flavius	1	11 3	♉ 28	3 15	Unuk^{so} 10 ^{26e}☌♃☽	1	4 31	7 28
Thursday	11 Barnabas	1	ev. 1	♉ 0	sets eve.	11. ♀ rises 2 20m ☊	0	4 30	7 28
Friday	12 Basilides	2	12 59	♊ 1	8 49	♏ so 10–12 e ☌☌☽	0	4 30	7 29
Saturday	13 Tobias	3	1 54	♊ 2	9 30	♐ ri. 8-10e ☌☿☽, ☌♅☽	*slo*	4 30	7 29
24]	*2nd Sunday after Trinity*					Day's length 15 hours 0 min.			
Sunday	14 CHILDREN'S DAY FLAG DAY	4	2 45	♊ 3	10 4	Antares so 10 57e ♉	0	4 30	7 30
Monday	15 Vitus	4	3 32	♋ 4	10 32	Hercules so 11-12 e	0	4 30	7 30
Tuesday	16 Rolandus	5	4 15	♋ 5	10 56	Spica so 7 43e ☌☿♅	1	4 30	7 31
Wednesd	17 Nicander	6	4 56	♌ 6	11 18	Nor. Crown so 9^{30}–$^{10}_{30e}$	1	4 30	7 31
Thursday	18 Arnolphus	6	5 36	♌ 7	11 39	Moon Apogee	1	4 30	7 31
Friday	19 Gervasius	7	6 16	♌ 8	12 0	19. ♀ nearest ☉	1	4 30	7 32
Saturday	20 Sylverius	8	6 56	♍ 9	morn	♃ rises 3 23m	1	4 31	7 32
25]	*3rd Sunday after Trinity*					Day's length 15 hours 1 min.			
Sunday	21 Fathers' Day Summer begins	9	7 39	♎ 10	12 23	Sum'er begins, ☉ enters ♋ ☌♄☽	2	4 31	7 32
Monday	22 Achatius	10	8 24	♎ 11	12 49	♀ furthest W.	2	4 31	7 32
Tuesday	23 Agrippina	11	9 14	♏ 12	1 19	♍ rises 11e-1 m	2	4 31	7 32
Wednesd	24 *John, Bapt.*	12	10 8	♏ 13	1 56	Sickle sets 11-12e	2	4 32	7 33
Thursday	25 Elogius	12	11 5	♐ 14	2 42	Algenib $^{ri.}$ 11 $^{05}_{e}$ ☾	3	4 32	7 33
Friday	26 Jeremiah	1	morn	♐ 15	rises eve.	26. ♐ ris. 9-11e	3	4 33	7 33
Saturday	27 7-Sleepers	2	12 5	♐ 16	8 21	☿ furthest E.	3	4 33	7 33
26]	*4th Sunday after Trinity*					Day's length 15 hours 0 min.			
Sunday	28 Leo	3	1 4	♍ 17	9 2	Algol ri. 11 31 e ☊	3	4 33	7 33
Monday	29 *Peter & Paul*	3	2 1	♎ 18	9 36	♄ sets 12 31m	3	4 33	7 33
Tuesday	30 Lucina	4	2 56	♎ 19	10 5	Moon Perigee	4	4 34	7 33

June has 30 Davs.

MOON'S PHASES, Etc.

June

Last Quarter the 4th, at 12 o'clock 35 minutes in the afternoon; fair.

New Moon the 11th, at 9 o'clock 55 minutes in the morning; stormy.

First Quarter the 19th, at 7 o'clock 1 minute in the afternoon; unsettled.

Full Moon the 26th, at 10 o'clock 29 minutes in the evening; stormy.

Probable State of the Weather.

JUNE

1–3 Local storms. Thunder storms in the Ohio River valley, north Atlantic states and southward to the Gulf. Blustery in central sections, generally fair in the west. Wind squalls in California.

4–7 Fair weather. Continued pleasant on the west coast and over the plateau area. Unsettled in the Mississippi valley and clearing the last of the week in northeast states. Hot in the southeast.

8–11 Storm period. Very windy in the northwest and sand storms on the southern plains. Rains in the Ohio River valley, Great Lakes area and New England. Thunder storms in the lower Atlantic states.

12–15 Clear skies. Mostly clearing and cooler in the northeastern area, hot and dry to the south. Pleasant in central and western states with scattered thunder storms. Cooling breezes in California.

16–19 Unsettled spell. Local storms in Oregon and Washington, windy on the northern plains. Showers along the Mississippi River and generally fair in eastern sections. Squalls in the Rockies.

20–23 Fair weather. Pleasant in the Great Lakes and north Atlantic area sultry in the southeast with scattered thunder storms. Sunny and cooler in upper Mississippi valley and along the Missouri River.

24–27 Local storms. Unsettled in western sections with showers. Light rains in the Mississippi and Ohio River valleys. Pleasant in California, blustery in the Atlantic states.

28–30 Unsettled spell. Showers in northeastern states with fogs on the coast. Hot and dry in the lower Atlantic and Gulf states. Scattered thunder storms in central and western sections.

Precipitation normal for the month, temperatures below the average.

JUNE FARM & GARDEN LORE

As cold as it is on Medardus' Day (June 8), so cold will it stay for six weeks after."

Spray your potatoes, cabbages, melons and squash.

"When the hens sit on the fence it is a sign of clear weather."

DOING GOOD WITHOUT NOISE

There is a tendency especially noticeable in these days to forget one should not boast of the good works which he performs. True charity does not blow bugles. Too many persons give money to worthy causes not so much to help others as to draw attention to themselves.

If you help another man, either directly by aiding in his harvest when he is ill, or indirectly by contributing to a money-raising campaign which will bring him benefits, keep the matter to yourself and your family. The inner glow of satisfaction will light your life far more brightly than any spotlight that you can attract by shouting your virtues in the marketplace.

ANTIBIOTICS IN AGRICULTURE

Farmers will do well to look into the value of antibiotics to supplement feeds. The U. S. Department of Agriculture recently reported that feeders of chicks and broilers can save on proteins in feeds through the addition of aureomycin. A 19 per cent protein feed with aureomycin added, said the Department, will give as good results as one with 2 per cent higher protein analysis. Proteins are high cost elements in feeds.

The quantity of aureomycin needed is small. One experiment with the pure chemical showed that to get the nutritional equivalent of the higher protein, it was necessary to add aureomycin at the rate of 20 grams to a ton of the 19 per cent analysis feed. The 20 grams are approximately two level tablespoonfuls of crystals.

Vitamin B-12 is being used increasingly in feed for poultry and pigs. They promote more rapid growth and development of market weight on a smaller allowance of grain, says the USDA.

THE ALMANAC OF FLOWERS

Did you know that living, blooming flowers have customs all their own, tied in with hours of the day, the weather, and the seasons of the year?

Here are a few examples, supplied by the Society of American Florists:

Flowers which prefer to "rise" or bloom at a certain time of day include Dandelions, 4 a.m.; Poppies, 5 a.m.; African Marigolds, 7 a.m.; Pinks, 8 a.m.; Star of Bethlehm, 11 a.m.; Moon-flower and Night-Blooming Cereus, night—and the earlier the flowers rise, the earlier they go to sleep.

Fragrant plants waft the strongest aroma at three periods of the day—in the morning after watering, at noon when the sun is at its peak, and at dusk.

The Weather Plant (Abrus precatorius) droops its leaves during a storm and holds them upright if fair weather is ahead.

In India there's a plant called Storm-plant because its leaves become severely agitated during a thunderstorm, while England has the Chick-weed, the leaves of which droop if a storm is on the way.

The Anemone Pulsatilla is better known as the Pasque Flower because it blooms at the Paschal or Easter season.

JULY, 7th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars.	The Sun. slo. m.	rises h. m.	sets. h. m.
Wednesd	1 Theobald	5	3 47	♒20	10 32	☿ rises 1 56 m	4	4 34	7 33
Thursday	2 *Visit. V. M.*	6	4 37	♒21	10 58	Algenib ri 10^{42}e	4	4 35	7 33
Friday	3 *DogDays beg*	7	5 25	♓22	11 26	3. Owl so 7 00 e	4	4 35	7 32
Saturday	4 *Independence*	8	6 15	♓23	11 56	Markab ri 9 22e	4	4 36	7 32
27]	*5th Sunday After Trinity*					Day's length 14 hours 56 min.			
Sunday	5 Demetrius	9	7 6	♓24	morn	⊕ furthest from ☉	4	4 36	7 32
Monday	6 *John Huss*	10	7 59	♓25	12 30	sets 11-12e	5	4 37	7 32
Tuesday	7 Edelburga	11	8 54	♈26	1 10	Vega so 11 36e ☌☽	5	4 38	7 32
Wednesd	8 Aquilla	11	9 52	♈27	1 59	☌♃), ☌☌☉	5	4 38	7 31
Thursday	9 Zeno	12	10 49	♈28	2 54	Antares so 9 16e	5	4 39	7 31
Friday	10 Israel	1	11 44	♉29	sets eve.	10. ☌☌), ☌♅☽	5	4 40	7 30
Saturday	11 Pius	2	ev. 37	♉ 0	8 3	☌ ri. 4 39 m, ☌♅☉	5	4 40	7 30
28]	*6th Sunday after Trinity.*					Day's length 14 hours 49 min.			
Sunday	12 Henry	3	1 25	♉ 1	8 33	☌☌♅, ☌☿☽) ♉	6	4 41	7 30
Monday	13 *Margaret*	3	2 10	♉ 2	8 59	rises 1-3 m	6	4 42	7 29
Tuesday	14 Bonavent.	4	2 52	♊ 3	9 21	Betelguese ri 4 01m	6	4 42	7 29
Wednesd	15 *St. Swithin*	5	3 33	♊ 4	9 42	Sickle sets 10 00e	6	4 43	7 28
Thursday	16 Hilary	5	4 12	♊ 5	10 3	☾ Apogee	6	4 44	7 28
Friday	17 Alexius	6	4 52	♋ 6	10 26	Orion ris. 3–5m	6	4 44	7 27
Saturday	18 Maternus	7	5 33	♋ 7	10 49	18. ☌♆☽), ☌♄☽)	6	4 45	7 26
29]	*7th Sunday after Trinity*					Day's length 14 hours 40 min.			
Sunday	19 Rufina	7	6 17	♋ 8	11 17	Dragon's Head so 10e	6	4 46	7 26
Monday	20 Elias	8	7 4	♌ 9	11 51	Pleiades rises 12 30m	6	4 47	7 25
Tuesday	21 Praxedes	9	7 55	♌10	morn	♃ rises 1 46 m	6	4 48	7 24
Wednesd	22 *Mary Magd.*	10	8 50	♌11	12 32	Auriga ri. 1 44m ☌☿♃	6	4 49	7 23
Thursday	23 Apollinaris	11	9 48	♌12	1 22	Antares so 8 24 e ☽	6	4 49	7 23
Friday	24 Christiana	12	10 48	♍13	2 24	Andromeda so 4-6m	6	4 50	7 22
Saturday	25 *St. James*	1	11 47	♍14	3 33	Rigel ri. 3 34^{m} Inf. ☌☿☉	6	4 51	7 21
30]	*8th Sunday after Trinity*					Day's length 14 hours 28 min.			
Sunday	26 *St. Ann*	2	morn	♍15	rises eve.	26. Eclipse of☽ ♌	6	4 52	7 20
Monday	27 Martha	2	12 44	♎16	8 6	Mira ri 12 ^{10m}☌☿☌	6	4 53	7 19
Tuesday	28 Pantaleon	3	1 38	♎17	8 34	Moon Perigee	6	4 54	7 18
Wednesd	29 Beatrix	4	2 30	♎18	9 1	Vega so 10 07 e	6	4 55	7 17
Thursday	30 Abdon	5	3 21	♏19	9 29	Job's Coffin so midnight	6	4 56	7 16
Friday	31 Germanus	6	4 11	♏20	9 58	♄ sets 10 27 e	6	4 56	7 15

July has 31 Days.

MOON'S PHASES, Etc.

JULY

Last Quarter the 3rd, at 5 o'clock 3 minutes in the evening; fair.

New Moon the 10th, at 9 o'clock 28 minutes in the evening; stormy.

First Quarter the 18th, at 11 o'clock 47 minutes in the evening; fair.

Full Moon the 26th, at 7 o'clock 20 minutes in the morning; warmer.

Probable State of the Weather.

JULY

1–3 Variable spell. Clear, sunny weather on the western plains and along the Pacific slope, but very dry. Overcast in eastern sections and thunder showers in the Mississippi valley.

4–7 Blustery squalls. Very windy in New England and north Atlantic states, thunder storms in the Gulf area. Squalls on the northern plateau, hot and dry in the southwest.

8–11 Storm period. Sharp thunder storms in the southeastern states with heavy rains in some sections. Wind storms on the Great Lakes and in east coast areas. Stormy in western sections.

12–15 Fair weather. Clear skies in the Mississippi valley, sunny and dry in the Rockies and along the west coast. Sultry in east and southwest sections with scattered thunder storms.

16–19 Heat wave. Very hot in most central and eastern states, cool breezes in New England. Unsettled in Oregon and Washington. Pleasant in California and sultry along the Mexican border.

20–23 Pleasant spell. Fair and cooler in northwestern states and thunder storms on the western plains. Showers in the Ohio River valley and north Atlantic section, windy in the southeast.

24–27 Fair weather. Clear skies in most sections of the northeast, warmer in central and western sections. Sunny and hot in California, very pleasant northward to the Canadian border.

28–31 Unsettled spell. Overcast and blustery in central and and eastern areas, clearing late in the week. Sultry in the southwest with thunder storms in the mountains and and dust storms on the plains. Wind squalls in Oregon and Washington.

Precipitation and temperatures for the month above normal.

JULY FARM & GARDEN LORE

You can plant gladiolus as late as July 15.

When you water your trees make certain the water soaks down to the lowest roots.

"On the 14th day of July plant your beans (pole and bush) for late fall canning."

EAT SUN-DRENCHED TOMATOES

Bright July days build up vitamin C in tomatoes and supply it in a form easy to take—in salads, as juice, as a cooked vegetable, or eaten out of hand as one of the best thirst quenchers. Nutrition scientists say tomatoes grown in full sunlight may have up to twice as much vitamin C as tomatoes grown in greenhouses or in shorter days of less intense sunlight in fall or winter.

If you're a farmer, pass this word on to your customers. If you're a customer, make certain you follow the advice and secure your share of valuable vitamin C.

AN EXTRA PINT TO THE GALLON

An extra pint of milk with each gallon is about what dairymen can expect from storing grass in the silo instead of field-curing it as hay. Or they can get a bonus of more than a cupful if they cure the hay by storing it moist in the loft and blowing air through it to take out moisture, says the U. S. Department of Agriculture. This is true when weather is favorable for field curing. In rainy weather the gain from silo storage is greater, because rain at haying time injures field cured hay, but does not harm grass cut for silage.

Alfalfa hay is recognized as an excellent dairy feed. Dairy scientists at the National Research Center gave it a rating of 100 in comparative tests of the three ways of storing the yield from equal plots of grass harvested at the same stage and stored in the three ways. Weather was favorable and field-cured hay was not injured by leaching and bleaching.

Another third of the alfalfa was partially cured in the field, but put in the mow while still moist. Air was fanned through it to dry it to a point where it would keep well. This method of haying has the advantage of saving more of the green coloring matter and other feed values, and of avoiding most of the loss by shattering of dried leaves. Based on milk production when fed to dairy cows, this type of hay produced about 7 percent more milk than the field-cured hay—more than a cup extra to each gallon.

Alfalfa allowed to merely wilt in the field, can be made into excellent silage which dairy cows relish. Handled thus, the final third of the alfalfa yielded about 12 percent more milk than the field-cured hay—an added pint with each gallon—the dairy scientists found. A gain of 12 percent in the milk yield from an acre represents an important advance in dairy efficiency. Putting the first crop of alfalfa in the silo is recommended particularly because it is likely to be coarser stemmed than later crops. Also, haying weather is less reliable in spring and early summer than later in the season.

Bottles of herb vinegar make excellent Christmas gifts. The herbs should be cut early in July and placed in a bottle of wine vinegar.

AUGUST, 8th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars.	The Sun slo. m.	rises h. m.	sets h. m.
Saturday	1 *Lammas Day*	6	5 2	♑21	10 31	☾1. ♀ rises 1 51 m	6	4 57	7 14
31]	*9th Sunday after Trinity.*					Day's length 14 hours 15 min.			
Sunday	2 Stephen	7	5 55	♑22	11 10	♍ sets 11e–1 m	6	4 58	7 13
Monday	3 Augustus	8	6 50	♑23	11 55	Nor. Crown sets 2-3m	6	4 59	7 12
Tuesday	4 Dominic	9	7 47	♒24	morn	♒ ri 2–4m ♂☌☽	6	5 00	7 11
Wednesd	5 Oswald	10	8 43	♒25	12 48	Unuk sets 1 12m ♂☿☾	6	5 01	7 10
Thursday	6 *Tr. of Christ*	11	9 39	♍26	1 47	Markab so 2 05 m	6	5 02	7 09
Friday	7 Donatus	12	10 31	♍27	2 50	Alphard sets 3 05m ☌♅☽, ☌☿☽	6	5 03	7 08
Saturday	8 Emilius	1	11 20	♍28	3 55	Spica sets 9 41e ☌♂☽ ♉	6	5 04	7 06
32]	*10th Sunday after Trinity.*					Day's length 14 hours 0 min.			
Sunday	9 Ericus	1	ev. 6	♎ 0	sets eve.	9. Harp so 9 30e	5	5 05	7 05
Monday	10 *St. Lawrence*	2	12 49	♎ 1	7 25	Altair so 10 32e	5	5 06	7 04
Tuesday	11 *Dog days end*	3	1 30	♏ 2	7 47	♂ rises 4 17m	5	5 07	7 03
Wednesd	12 Clara	4	2 10	♏ 3	8 8	Corvus sets 7-8 e	5	5 08	7 02
Thursday	13 Hildebert	4	2 49	♑ 4	8 29	☾Apogee, ☿ furthest W	5	5 09	7 00
Friday	14 Eusebius	5	3 30	♑ 5	8 52	Andromeda so 3–4 m	5	5 10	6 59
Saturday	15 *Assn. V. M.*	6	4 12	♑ 6	9 18	♒ ri. 9–11e ☌♂♆☽, ☌♄☽	4	5 11	6 58
33]	*11th Sunday after Trinity.*					Day's length 13 hours 44 min.			
Sunday	16 Rochus	6	4 57	♍ 7	9 48	Dolphin so 11 00 e	4	5 12	6 56
Monday	17 Bertram	7	5 45	♍ 8	10 26	17. Menkar rises 11 05e	4	5 12	6 55
Tuesday	18 Agapetus	8	6 37	♎ 9	11 11	♒ rises 1-3 m	4	5 13	6 53
Wednesd	19 *St. Joachim*	9	7 33	♎10	morn	Deneb so 10 42e	3	5 14	6 52
Thursday	20 Bernard	10	8 31	♎11	12 6	Cetus so 2-5m	3	5 15	6 51
Friday	21 Rebecca	11	9 29	♐12	1 10	♃ rises 12 07 m	3	5 16	6 49
Saturday	22 Philibert	12	10 27	♐13	2 22	♎ sets 9–11e ☌☿♅ ♌	3	5 17	6 48
34]	*12th Sunday after Trinity.*					Day's length 13 hours 28 min.			
Sunday	23 Zacchæus	12	11 23	♑14	3 38	♐ sets 8-10e ☌☿☌	2	5 18	6 46
Monday	24 *St. Barthol.*	1	morn	♑15	rises eve.	24. Algol ri 7 50e	2	5 29	6 45
Tuesday	25 Ludovicus	2	12 17	♒16	7 2	Moon Perigee	2	5 20	6 43
Wednesd	26 Samuel	3	1 9	♒17	7 30	♐ so 10-12 e	2	5 21	6 42
Thursday	27 Gebhard	4	2 1	♓18	8 0	Lyre so 8–9e	1	5 22	6 40
Friday	28 *St. Augustin*	5	2 54	♓19	8 31	Betelguese ri 1 04 m	1	5 23	6 39
Saturday	29 *St. John beh.*	5	3 48	♓20	9 9	Swan so 9-10 e	1	5 24	6 37
35]	*13th Sunday after Trinity*					Day's length 13 hours 11 min			
Sunday	30 Benjamin	6	4 44	♓21	9 53	Rigel ri 1 09 m	0	5 25	6 36
Monday	31 Paulinus	7	5 41	♈22	10 44	31. ♄ sets 8 30e	0	5 26	6 34

August has 31 Days.

MOON'S PHASES, Etc.

August

Last Quarter the 1st, at 10 o'clock 16 minutes in the evening; fair.

New Moon the 9th, at 11 o'clock 10 minutes in the morning; unsettled.

First Quarter the 17th, at 3 o'clock 8 minutes in the afternoon; fair.

Full Moon the 24th, at 3 o'clock 21 minutes in the afternoon; fair.

Last Quarter the 31st, at 5 o'clock 46 minutes in the morning; stormy.

Probable State of the Weather.

AUGUST

1–3 Storm period. Strong winds along the Pacific coast and heavy squalls in the Rockies. Light showers in the Mississippi valley and thunder storms in eastern areas.

4–7 Fair weather. Mostly clear skies, but very windy in the Great Lakes and Ohio River area. Occasional showers in the Atlantic states. Pleasant in the northwest, dust storms in the southwest.

8–11 Unsettled spell. Warmer in the northeast with sharp thunder storms at many points. Showers in the Gulf states and along the Mississippi valley. Most fair in the west.

12–15 Heat wave. Hot in the central states and very dry. Cool breezes in Oregon and Washington, dry in California. Fogs in New England and very hot in the southeastern states.

16–19 Local storms. Thunder storms on the western plains, but little rainfall. Showers on the Pacific slope, generally fair in the Mississippi valley and eastward to the Atlantic.

20–23 Fair weather. Cooler in the north Atlantic and Great Lakes area, mostly clear skies. Scattered thunder storms in the lower Atlantic and Gulf states. Warmer in the west and southwest.

24–27 Pleasant spell. Fair and warmer in the Mississippi valley and along the Ohio River. Very dry in the northwestern states, cool westerly winds in California. Blustery in eastern states.

28–31 Storm period. Windy and wet in the northeast with gales along the coast. Hot and dry in the south and squalls in the central states. Local storms in the west and somewhat cooler.

Precipitation for the month below normal, temperatures above average.

AUGUST FARM & GARDEN LORE

"If the waning moon has both horns up, it is a dry moon and the month will be dry; if the moon is tilted the water will all run out—it is a wet moon."

It's time to pick cucumbers for pickling.

Chrysanthemums do not like to be pinched after Aug. 15.

PLANTS FOR CHILDREN

Children will find the following plants particularly interesting to tend . . . Pick-A-Back, because a smaller leaf grows atop a larger one; Velvet Plant, because of the rich color and velvety texture of the leaves; Maranta or Prayer Plant which "prays" at night as they do; "Catch-fly" plant that actually traps flies and bugs; and the Weather Plant whose leaves predict the weather. Two of the easiest plants for children to grow are Sansevieria and Philodendron.

The rich purple Velvet Plant (Gynura aurantiaca) needs plenty of sun and moisture. If it grows spindly, prune it back.

AUGUST COMFORT FOR COWS

Farm animals are affected just as much as humans by weather. That's why the wise farmer sees that dairy cows are given full comfort in August, month of heat. Milk production drops if cows are not eating well. Permanent pastures are going into a dormant stage and grazing is short.

Extra feed is recommended this month. If you have grass silage or corn silage available, that's excellent feed in August. Silage along with grain feeding helps supply the nutrients necessary for good milk production. Extra protein is not necessary with good grass silage.

Don't neglect shade and plenty of fresh water. If no shade is available, bring the cows into the barn during the heat of the day and let them loaf in a shed. Extra feed can be provided by dry hay in racks, and the more convenient it is, the more the cows will eat.

If pastureland lacks running water, pipe it to a tank or bring the cows to the barn in mid-day for extra water. You'll benefit by all you do to increasing cows' comfort and encouraging them to eat in hot weather.

KATYDIDS AND CRICKETS

Pennsylvania Dutch folklore has it that the louder the katydids sing in August, the bigger the blizzards are in December. This was borne out in December, 1951. Katydids were reported especially noisy the preceding August by an observer at Honey Brook, Pa., and several heavy snowstorms occurred in December.

There is also a popular tradition, which scientists have given at least passing recognition, that by counting the number of chirps a cricket makes, you can arrive at the temperature. Consult your watch, count the chirps in a quarter of a minute, and then add 37. That should give you the temperature.

LET BERRY BUYERS PICK THEIR OWN

Here's an idea some berry growers found quite successful: Let your customers go into your fields to pick their own berries. You can save labor costs, make a better net profit and provide a lot of fun for your customers and yourself.

Paint handles of garden tools a distinctive color such as red or orange, so that they are easily visible in the garden.

SEPTEMBER, 9th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises eve. h. m.	Miscellaneous Particulars	The Sun. fast m.	rises. h. m.	sets. h. m.
Tuesday	1 Aegidius	8	6 39	♌ 23	11 41	♀ rises 2 31m ♂♃☽	0	5 27	6 33
Wednesd	2 Hannah	9	7 35	♌ 24	morn	Aldebaran ri. 10 55e	0	5 28	6 31
Thursday	3 Mansuetus	10	8 28	♌ 25	12 44	♌ rises 2-4m ♂♄☽	1	5 29	6 29
Friday	4 Moses	11	9 18	♌ 26	1 47	♋ rises 1–2m ♂♀☽ ♉	1	5 30	6 28
Saturday	5 Nathaniel	12	10 4	♌ 27	2 50	Pleiades rises 9 00e	1	5 31	6 26
36]	*14th Sunday after Trinity.*					Day's length 12 hour 52 min.			
Sunday	6 Magnus	12	10 48	♌ 28	3 52	♌ so 3–4m ♂☽	2	5 32	6 24
Monday	7 *Labor Day*	1	11 29	♍ 29	4 52	♌ ri. 4-6m SUP. ♂☿☉	2	5 33	6 23
Tuesday	8 *Nat. V. M.*	2	ev. 9	♎ 0	sets eve.	8. ♂☿☽	2	5 34	6 21
Wednesd	9 Bruno	2	12 49	♎ 1	6 35	☾ Apogee	3	5 34	6 20
Thursday	10 Pulcheria	3	1 29	♎ 2	6 58	Eagle so 8–9e	3	5 35	6 18
Friday	11 Protus	4	2 10	♎ 3	7 22	♂ ri, 3 56m ♂♆☽, ♂♄☽	4	5 36	6 16
Saturday	12 *J. Wycliffe*	4	2 54	♏ 4	7 51	Hyades rises 10e	4	5 37	6 15
37]	*15th Sunday after Trinity.*					Day's length 12 hours 35 min.			
Sunday	13 Amatus	5	3 40	♏ 5	8 25	Praesepe rises 2 m	4	5 38	6 13
Monday	14 *Exalt. Holy* ✝	6	4 30	♏ 6	9 6	Orion rises 11e-1m	5	5 39	6 12
Tuesday	15 Nicetas	6	5 23	♐ 7	9 55	Deneb so 9 10e	5	5 40	6 10
Wednesd	16 *Ember Day*	7	6 18	♐ 8	10 53	16 Procyon ri 1 30m ☽	5	5 41	6 08
Thursday	17 Constitution Day	8	7 15	♑ 9	12 0	Rigel rises 11 55 e	6	5 42	6 07
Friday	18 *Ember Day*	9	8 11	♑ 10	morn	Aldebaran so 4 49m	6	5 43	6 05
Saturday	19 *Ember Day*	10	9 6	♒ 11	1 12	Fomalhaut so 10 57e ♐	6	5 44	6 03
38]	*16th Sunday after Trinity.*					Day's length 12 hours 17 min.			
Sunday	20 Eustachius	11	10 0	♒ 12	2 27	Pollux rises 11 59 e	7	5 45	6 02
Monday	21 *St. Matthew*	12	10 53	♓ 13	3 44	♃ rises 10 19e	7	5 46	6 00
Tuesday	22 Maurice	1	11 46	♓ 14	rises eve.	22. ☾ Perigee	7	5 47	5 59
Wednesd	23 *Autumn beg.*	2	morn	♈ 15	5 56	Autumn begins ☉ enters ♎	8	5 48	5 57
Thurday	24 *St. John con.*	3	12 39	♈ 16	6 28	Arcturus sets 9 17 e	8	5 49	5 55
Friday	25 Cleophus	3	1 34	♉ 17	7 5	♌ rises 7–8 e	8	5 50	5 53
Saturday	26 Justina	4	2 31	♉ 18	7 48	Nor. Crown sets 11e	9	5 51	5 52
39]	*17th Sunday after Trinity*					Day's length 11 hours 58 min,			
Sunday	27 GOLD STAR MOTHERS' DAY	5	3 30	♊ 19	8 37	Harp sets 3 m	9	5 52	5 50
Monday	28 Wenceslaus	6	4 30	♊ 20	9 34	♌ ri. 1-2m ♂♃☽	9	5 53	5 48
Tuesday	29 *St. Michael*	6	5 28	♋ 21	10 36	29. Capella so 4 46m	10	5 54	5 47
Wednesd	30 Jerome	7	6 23	♋ 22	11 40	♄ sets 6 40e ♂☿♆, ♂♄☽	10	5 55	5 45

September has 30 Days.

MOON'S PHASES, Etc.

September

New Moon the 8th, at 2 o'clock 47 minutes in the morning; unsettled.

First Quarter the 16th, at 4 o'clock 49 minutes in the morning; fair.

Full Moon the 22nd, at 11 o'clock 15 minutes in the evening; fair.

Last Quarter the 29th, at 4 o'clock 51 minutes in the afternoon; stormy.

Probable State of the Weather.

SEPTEMBER

1–3 Fair weather. Clearing and cooler in the upper Mississippi valley and eastward to New England. Pleasant in the lower Atlantic and Gulf states. Blustery on the west coast.

4–7 Variable spell. Continued fair in the upper Atlantic states, hurricane weather in southern sections. Cooler in the Northern Rockies and upper Pacific area, stormy in the southwest.

8–11 Pleasant period. Mostly clear skies in the west with fogs along the coast. Cooler in the Mississippi valley and over the northeastern states. Hot and dry in the southeast.

12–15 Unsettled spell. Windy and wet in the Ohio River valley and Great Lakes area, fogs on the east coast. Mostly fair in the west, but very dry. Thunder storms in the Gulf states.

16–19 Clear skies. Fair and cool in Oregon and Washington, warmer in California. Very dry on the western plains and scattered showers in central states. Pleasant along the Atlantic.

20–23 Fair weather. Cool and pleasant in most northern and eastern sections with bright Harvest Moon. Unsettled and windy in the lower Atlantic states. Mostly fair in central and western areas.

24–27 Storm period. Scattered rains on the Pacific slope and in the plateau area. Stormy in the Mississippi valley and along the Ohio River. Blustery in the southeast, squalls in the north.

28–30 Local storms. Cold showers in the Great Lakes and New England area, thunder storms in lower Atlantic states. Unsettled in the central states, colder in the northwest. Hot in California.

Precipitation above normal for the month, temperatures below average.

SEPTEMBER FARM & GARDEN LORE

Transplant trees and shrubs at the end of this month.

"If it rains on Michael's Day (Sept. 29) without a storm, then for the most part a mild winter will follow; if, however, it is dry on this day and on Gallus' Day (Oct. 16), then one may hope for a good and dry spring."

Fruits meant for winter storage will keep best if picked before fully ripe.

LIGHTED MATCHES KILL ODORS

Our grandmothers, who used to burn kitchen matches to "chase" unpleasant smells, have been backed up by scientific research. Studies at the Armour Research Foundation show that a burning match has a "masking" effect—it blots out one odor by imposing another on it.

ELECTRIC SAFETY ON THE FARM

Here are some valuable pointers for protecting yourself and your family and employes, as well as your valuable farm property, so far as electricity is concerned:

Wiring should be inspected frequently by a competent person to be sure it is in safe condition and that equipment is operating efficiently.

It is especially important that the wiring in outbuildings be safe. If a person or an animal comes in contact with a "hot" wire or defectively insulated equipment when standing on a dirt or concrete floor, there is danger of severe shock. Insulation on wires should be kept in good condition and all metal parts of the system and equipment grounded. Switches, sockets and convenient outlets become worn with use. These should be inspected regularly, and replaced if defective.

Nearly all farmers have added appliances since the buildings were wired originally. Sometimes equipment, even when new, does not seem to give satisfactory service. Inspection may show that the trouble is with inadequate wiring, rather than with the equipment.

An important safety tip is: When changing a fuse or working on electrical apparatus, stand on a *dry* board—not on a wet or damp floor or on the ground.

Never replace a fuse with a larger size than should be used. Remember, the fuse is the safety valve, and serious trouble may develop if too large a size is used. If in doubt about the correct size fuse—or about any other details of your electric system or appliances—go to your power supplier for advice.

VALUABLE SCARECROW

A man near New Holland, Pa., invented a very realistic scarecrow. It was made of wood, tin, baling wire, worn-out clothes and an old Klaxon. He said he had it rigged up so that it not only waved its arms in the breeze, but also sounded the horn every five minutes.

"Is it very effective?" a friend asked him at market.

"You sure bet it is," the farmer responded. "It's got those crows so scared they're bringing back corn they stole from me two years ago—and some from the neighbors' to make up!"

OCTOBER, 10th Month.

Weeks and Days	Remarkable Days	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises morn. h. m.	Miscellaneous Particulars	The Sun. fast m.	rises h. m	sets h. m.
Thursday	1 Remigius	8	7 15	♑ 23	morn	♀ rises 4 18m ♉	10	5 56	5 44
Friday	2 Vollradus	9	8 3	♑ 24	12 43	Algol so 2 23 m	11	5 57	5 42
Saturday	3 Jairus	10	8 47	♑ 25	1 45	Eagle sets 1 30m ☌♄	11	5 58	5 40
40] *18th Sunday after Trinity.*						Day's length 11 hours 40 min.			
Sunday	4 Franciscus	11	9 29	♐ 26	**2** 46	Menkar so 4 35 m ☌☿☌	11	5 59	5 39
Monday	5 Placidus	12	10 9	♐ 27	3 45	♒ so 11–12e ☌☌☽,☌♀☽	12	6 00	5 37
Tuesday	6 Fides	1	10 48	♐ 28	4 43	Moon Apogee	12	6 01	5 35
Wednesd	7 Amelia	1	11 28	♎ 0	sets eve.	7 Capella so $^{4\ 11m}$	12	6 02	5 34
Thursday	8 Pelagius	2	ev. 9	♎ 1	5 27	El Nath so 4^{23}_{m}☌♆☽	13	6 03	5 32
Friday	9 Dionysius	3	12 52	♋ 2	5 54	♌ sets 6-7e ,☌♄☽,☌☿☽	13	6 04	5 31
Saturday	10 Gideon	3	1 38	♋ 3	6 26	Pleiades so 2 30 m	13	6 05	5 29
41] *19th Sunday after Trinity.*						Day's length 11 hours 22 min.			
Sunday	11 Burkhard	4	2 27	♋ 4	7 5	♂ rises 3 34 m	13	6 06	5 28
Monday	12 *Columb. Day*	4	3 18	♋ 5	7 52	Hyades so 3m	14	6 07	5 26
Tuesday	13 Coloman	5	4 12	♋ 6	8 46	Scheat so 9 32 e ☋	14	6 08	5 24
Wednesd	14 Calixtus	6	5 7	♌ 7	9 48	Orion rises 9-11 e	14	6 09	5 23
Thursday	15 Hedwig	7	6 2	♌ 8	10 56	15. ♋ sets 9-11 e	14	6 10	5 22
Friday	16 *Gallus*	8	6 55	♌ 9	morn	Alpheratz so 10 29e ♌	14	6 11	5 20
Saturday	17 Florentina	9	7 48	♌ 10	12 7	♒ so 6–8e ☌♆☉	14	6 12	5 18
42] *20th Sunday after Trinity.*						Day's length 11 hours 4 min.			
Sunday	18 *St. Luke ev.*	10	8 39	♌ 11	1 20	Aldebaran so 2 51 m	15	6 13	5 17
Monday	19 Ptolemy	11	9 30	♍ 12	2 35	Algenib so 10 21e	15	6 14	5 16
Tuesday	20 Felicianus	12	10 22	♍ 13	3 50	Hyades so 2 30 m	15	6 15	5 14
Wednesd	21 Ursula	1	11 16	♎ 14	5 7	Moon Perigee	15	6 16	5 13
Thursday	22 Cordula	1	morn	♎ 15	rises eve.	22. ♃ rises 8 21e	16	6 17	5 11
Friday	23 Severinus	2	12 13	♏ 16	5 37	♀ furthest E. ☌♄☉	16	6 18	5 10
Saturday	24 UNITED NATIONS DAY	3	1 12	♏ 17	6 26	Mira so 12 09m	16	6 19	5 09
43] *21st Sunday after Trinity*						Day's length 10 hours 46 min.			
Sunday	25 *Christ, the King*	4	2 13	♐ 18	7 21	Job's Coffin $^{so}_{6e}$ ♏	16	6 21	5 07
Monday	26 Amandus	5	3 14	♐ 19	8 23	Vega sets 1 10m☌♃☽	16	6 22	5 06
Tuesday	27 Sabina	5	4 13	♑ 20	9 28	♐ so 7–9e	16	6 23	5 05
Wednesd	28 *Simon Jud.*	6	5 8	♑ 21	10 33	☌♅☽ ♉	16	6 24	5 03
Thursday	29 *Zwinglius*	7	5 58	♑ 22	11 36	29. Lyra ^{sets}12-1^{m}	16	6 25	5 02
Friday	30 Serapion	8	6 44	♑ 23	morn	Rigel rises 9 01e	16	6 26	5 01
Saturday	31 HALLOWE'EN REFORMATION	9	7 27	♑ 24	12 38	♄ rises 6 25 m	16	6 27	5 00

October has 31 Days.

MOON'S PHASES, Etc.

October

New Moon the 7th, at 7 o'clock 40 minutes in the evening; unsettled.

First Quarter the 15th, at 4 o'clock 44 minutes in the afternoon; stormy.

Full Moon the 22nd, at 7 o'clock 56 minutes in the morning; fair.

Last Quarter the 29th, at 8 o'clock 9 minutes in the morning; stormy.

Probable State of the Weather.

OCTOBER

1–3 Unsettled spell. Showers in the Mississippi valley and very windy on the western plains. Pleasant and cooler in the southwest, unsettled and blustery in the east.

4–7 Clear skies. Fair weather in the Ohio River valley and in the Northeastern states. Pleasant and cooler in southern sections. Scattered showers in the northwest, but dry on the west coast.

8–11 Storm period. Rains along the Atlantic seaboard and wind squalls in central sections. Gales on the Pacific coast, wind storms in the Rockies. Sand storms on the southern plains.

12–15 Pleasant spell. Mostly fair and cooler in the Great Lakes and New England area with light frosts. Sunny and warmer in the southeast. Pleasant in the upper Mississippi valley and westward.

16–19 Unsettled spell. Local storms in the southern states, but little rain. Scattered showers in northern sections and wind squalls on the western plains. Showers on the Pacific slope.

20–23 Fair weather. Windy days and cool nights in the Atlantic states with bright Hunter's Moon. Fair and dry in central sections, blustery in the southwest and unsettled to the north.

24–27 Changeable spell. Unsettled in the Missippi valley and westward, clearing the first of the week. Mostly cloudy and windy from the Gulf states northward into New England.

28–31 Storm period. Rains in the Ohio River valley and north Atlantic states, stormy in the southeast. Windy on the western plains, mostly pleasant in California, Oregon and Washington.

Precipitation and temperatures normal for the month.

OCTOBER FARM & GARDEN LORE

To get the most from tomato plants, pull them before frost and move to a warm place so the green tomatoes can ripen.

"Rain can be expected on the day of Simon and Judas (Oct. 28)."

Cover crops can be sown early this month for nut trees.

SWALLOWS OF CAPISTRANO

According to legend, the famed swallows of the Mission of San Juan Capistrano, California, begin ariving at the Mission on St. Joseph's Day, March 19, and depart on St. John's Day, October 23, every year.

COURTESY LENGTHENS LIFE

It takes time to be courteous. If you are driving in a hurry and come to an intersection and pause to let another driver pass, it takes time but it's worth while. If you let another customer take your turn in a lineup at a store counter, it takes time but the pleasure is yours. You live twice as long in the minutes you give others—and if you live enough of these minutes, the true span of your life can double.

KEEPING HOUSE PLANTS HEALTHY

Some of the plants which need a south or east window, where they will receive about five hours of sunshine a day, are: Geranium, Azalea, Hydrangea, Begonia, Gloxinia, Cineraria, Cactus, Jerusalem Cherry, Poinsettia, and Wax plant.

* * *

Scrub the outside of clay pots occasionally, to keep them porous.

* * *

Budding plants and those in active growth need more water than others. With most plants, it is a good idea to give them a thorough soaking once a month by plunging the pot up to the rim in a pan of water. Allow the dirt to dry out slightly before watering again.

* * *

Chemical-free water is best for plants. It is a good idea to let tap water stand a day or so before using it to water plants.

* * *

When watering a Cyclamen, avoid wetting the heart, or crown of the plant so it won't develop crown rot. The hairy leaves of the Cyclamen fall into the same class as the African violet which should be cleaned with a soft brush, instead of spraying. However, African Violets like a warm atmosphere and the Cyclamen needs a cooler temperature. It thrives at a temperature of 60-65 degrees at night, and not over 68 degrees in the daytime.

* * *

The Azalea requires a lot of water and a cool location. If you want it to bloom another year, keep right on watering the plant and spraying the leaves with tepid water when it finishes its yearly blooming cycle.

* * *

Gardenia Plants require a temperature of at least 60 degrees all year round. It likes plenty of sun and is a big water drinker.

* * *

English Ivy needs some light but full sunlight is not essential. To keep it shining and to discourage red spiders, spray the leaves often.

* * *

If your Philodendron cordatum vine gets too spindly and the leaves drop off, pinch off the ends of the vines.

NOVEMBER, 11th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South. morn. h. m.	Place & Age	rises morn. h. m.	Miscellaneous Particulars.	The Sun. fast m.	rises. h. m.	sets. h. m.
44]	*22nd Sunday after Trinity.*					Day's length 10 hours 30 min.			
Sunday	1 *All Saints*	10	8 7	♐25	1 38	♀ rises 5 54m	16	6 28	4 58
Monday	2 *All Souls*	11	8 47	♐26	2 36	☾ Apogee	16	6 30	4 57
Tuesday	3 *Gen. Election*	11	9 27	♑27	3 35	♌ rises 12-2m ☿☌☽	16	6 31	4 56
Wednesd	4 Charlotte	12	10 7	♑28	4 33	Fomalhaut so 8^{03}_{e}☌☿☽	16	6 32	4 55
Thursday	5 Malachi	1	10 50	♑29	5 34	☌♆☽,☌♄☽	16	6 33	4 54
Friday	6 Leonard	1	11 35	♒ 0	sets eve.	6. Capella so 2^{16}_{m}	16	6 34	4 53
Saturday	7 Englebert	2	ev. 23	♒ 1	5 6	♌ ri. 11-12e☌☿♆☌☿☽	16	6 35	4 52
45]	*23rd Sunday after Trinity.*					Day's length 10 hours 15 min.			
Sunday	8 Cecilia	3	1 15	♓ 2	5 50	Sirius so 3 38m	16	6 36	4 51
Monday	9 Theodore	3	2 8	♓ 3	6 43	♒ so 11-12 e ☽	16	6 38	4 50
Tuesday	10 *Mart. Luther*	4	3 3	♈ 4	7 42	♋ sets 5-7 e	16	6 39	4 49
Wednesd	11 *ARMISTICE DAY MELANCHTHON*	5	3 57	♈ 5	8 48	♂ rises 2 42 m	16	6 40	4 48
Thursday	12 Jonas	6	4 51	♉ 6	9 57	Job's Coffin sts 12^{pm}♌	16	6 41	4 47
Friday	13 Winebert	6	5 42	♉ 7	11 7	Algenib $^{so}_{8\ 43e}$☌☿♄	16	6 42	4 46
Saturday	14 Levinus	7	6 32	♉ 8	morn	14. Transit of ☿	15	6 43	4 45
46]	*24th Sunday after Trinity.*					Day's length 10 hours 0 min.			
Sunday	15 Leopold	8	7 21	♊ 9	12 18	Andromeda so 8-10e	15	6 44	4 44
Monday	16 Ottomar	9	8 10	♊10	1 30	Mirach so 9 28e	15	6 46	4 44
Tuesday	17 Alpheus	10	9 2	♋11	2 43	♒ so 8–10e	15	6 47	4 43
Wednesd	18 Gelasius	11	9 55	♋12	3 58	☾ Perigee	15	6 48	4 42
Thursday	19 *Elizabeth*	12	10 53	♌13	5 16	Whale so 8–10e	14	6 49	4 41
Friday	20 Amos	1	11 53	♌14	rises eve.	20. Eagle sets 10e	14	6 50	4 41
Saturday	21 *Off. V. Mary*	2	morn	♌15	5 4	♃ rises 6 14e	14	6 51	4 40
47]	*25th Sunday after Trinity.*					Day's length 9 hours 47 min.			
Sunday	22 Alphonsus	3	12 55	♌16	6 4	♍ ris. 9–11e, ☌♃☽	14	6 52	4 39
Monday	23 Clement	3	1 56	♍17	7 10	♌ so 2–4m ☌☿☿	13	6 54	4 39
Tuesday	24 Chrisogenes	4	2 54	♍18	8 17	Algol so 10^{53m},☌♅☽,♉	13	6 55	4 38
Wednesd	25 Catherine	5	3 48	♎19	9 23	Aldebaran so 12 21m	13	6 56	4 38
Thursday	26 *Thanks. Day*	6	4 37	♎20	10 26	Hyades ^{so}12 midnight	13	6 57	4 37
Friday	27 Jehosaphat	6	5 22	♎21	11 27	♎ so 5–7 e	12	6 58	4 37
Saturday	28 Guenther	7	6 4	♐22	morn	28. ♐ sets 9-10e	12	6 59	4 37
48]	*1st Sunday in Advent.*					Day's length 9 hours 36 min.			
Sunday	29 Saturninus	8	6 44	♐23	12 27	♄ rises 4 17m	12	7 00	4 36
Monday	30 St. Andrew	9	7 24	♑24	1 25	Moon Apogee	11	7 01	4 36

November has 30 Days.

MOON'S PHASES, Etc.

November

New Moon the 6th, at 12 o'clock 58 minutes in the afternoon; stormy.

First Quarter the 14th, at 2 o'clock 52 minutes in the morning; unsettled.

Full Moon the 20th, at 6 o'clock 12 minutes in the evening; colder.

Last Quarter the 28th, at 3 o'clock 16 minutes in the morning; fair.

Probable State of the Weather.

NOVEMBER

1–3 Cold wave. Fair and colder in northeast sections with heavy frosts. Pleasant in the lower Mississippi valley and south Atlantic states. Windy and wet in most western areas.

4–7 Storm period. Strong winds on the Great Lakes and gales along the Atlantic coast. Showers on the Pacific slope, Wind squalls on the western plains. Clearing and warmer in California.

8–11 Fair weather. Clear and cool in the northwestern states and upper Mississippi valley, hot to the south. Scattered showers in the southeastern area and unsettled in New England.

12–15 Variable spell. Fair and cool on the western plains and delightful Indian Summer in the southwest. Rainy and disagreeable in the northwest, unsettled in most eastern sections.

16–19 Stormy weather. Rains in the Ohio River valley and gales on the Atlantic coast. Stormy in the Gulf states and lower Mississippi valley. Cold winds in Oregon and Washington, blustery southward.

20–23 Pleasant spell. Mostly clear skies in the Missouri River valley and north Pacific states, pleasant in the southwest. Warmer in central sections and blustery in the east.

24–27 Local storms. Wind storms on the southern plains and westward to the Pacific, snow flurries in the northern Rockies. Unsettled in the Great Lakes, Ohio River and North Atlantic area. Fair and dry in the southeast.

28–30 Clear skies. Generally fair in the Mississippi valley and eastward. Colder along the Missouri River and over the northern plateau. Pleasant in the southwest. Clearing in the northwest.

Precipitation below normal for the month, temperatures above average.

NOVEMBER FARM & GARDEN LORE

Diseased foliage should be burned, but healthy fallen leaves should be gathered for compost.

"To last longest, cut beech in midsummer and oak in winter."

House plants should be turned about once a week so they will look well from all sides.

MOON HIGH—WILD DUCKS FLY

Boatmen of the Chesapeake Bay claim that the fall migration of wild waterfowl from Canada to the Chesapeake starts right after the first full moon in November. And the flight north, they say, begins with the first full moon in April.

HOW TO CURE FELONS

If you're having trouble with chicken thieves, post this sign on your premises:

"Anyone found near this henhouse tonight will be found there tomorrow morning."

SAFE DRIVING IN WINTER

If you drive a car during the winter, your safety will be increased if you observe these rules recommended by the National Safety Council:

1. Get the "feel" of the road by trying your brakes while driving slowly and when no other vehicles are near.

2. Adjust your speed to road and weather conditions. Realize that synthetic tires skid and spin more on snow and ice than pre-war tires, although cold synthetic rubber wears and performs normally on wet or dry pavements. But slow down on snowy or icy roads so you can stop when you have to.

3. Use tire chains for severe snow or ice conditions. They cut braking distances on cars and trucks 40 to 70 per cent and provide needed stop-and-go traction. Even with definite help of chains, careful driving is necessary.

4. Follow other vehicles at a safe distance—remember that, without chains, it takes from 3 to 12 times as far to stop on snow and ice as on dry concrete.

5. When you have to stop, pump your brakes up and down—jamming them on may lock the wheels and throw your car into a skid.

6. Keep your windshield and windows clear of ice, fog and frost. Be sure your headlights, windshield-wiper blades, and defrosters are in good working order. You must see danger to avoid it.

FLOWERS AND BIRTHSTONES

With Each Month's Sentiment

MONTH	FLOWER OF MONTH	MONTHLY SENTIMENT	BIRTHSTONE
JANUARY	Carnation	Constancy	Garnet
FEBRUARY	Violet	Sincerity	Amethyst
MARCH	Jonquil	Wisdom	Aquamarine or Bloodstone
APRIL	Sweet Pea	Innocence	Diamond
MAY	Lily-of-the-Valley	Love	Emerald
JUNE	Rose	Wealth	Pearl or Moonstone
JULY	Larkspur	Freedom	Ruby
AUGUST	Gladiolus	Friendship	Peridot or Sardonyx
SEPTEMBER	Aster	Virtue	Sapphire
OCTOBER	Goldenrod or Pompon	Hope	Opal or Tourmaline
NOVEMBER	Chrysanthemum	Fidelity	Topaz
DECEMBER	Poinsettia	Success	Turquoise or Lapis

DECEMBER, 12th Month.

Weeks and Days.	Remarkable Days.	H. w. h.	The Moon. South morn. h. m.	Place & Age	rises morn. h. m.	Miscellaneous Particulars.	The Sun. fast m.	rises h. m.	sets h. m.
Tuesday	1 Longinus	10	8 4	♎25	2 24	☿ furthestW. ☌☽	11	7 02	4 36
Wednesd	2 Candidus	11	8 46	♎26	3 23	♀ rises 5 51m ☌♆☽	10	7 03	4 35
Thursday	3 Fr. Xavier	12	9 30	♏27	4 24	♎ rises 5-6m ☌♄☽	10	7 04	4 35
Friday	4 Barbara	12	10 17	♏28	5 27	Rigel so 12 27m ☌☿☽	10	7 05	4 35
Saturday	5 Abigail	1	11 8	♐29	6 29	Mira so 9 17 e ☌♀☽	9	7 06	4 35
49]	*2nd Sunday in Advent.*					Day's length 9 hours 28 min.			
Sunday	6 *St. Nicholas*	2	ev. 2	♐ 0	sets eve.	6.♏ so 9–11 e☽	9	7 07	4 35
Monday	7 Ambrose	2	12 57	♐ 1	5 35	Menkar so 9 57e	8	7 08	4 35
Tuesbay	8 *Conc. V. M.*	3	1 53	♑ 2	6 40	Sirius so 1 37 m	8	7 09	4 35
Wednesd	9 Joachim	4	2 47	♑ 3	7 49	Capella so 12 midnight ♉	7	7 10	4 35
Thursday	10 Judith	5	3 39	♒ 4	8 59	Alpheratz sets 2 42 m	7	7 10	4 35
Friday	11 Barsabas	5	4 29	♒ 5	10 9	♂ rises 2 42 m	7	7 11	4 35
Saturday	12 Ottilia	6	5 18	♓ 6	11 20	♐ sets 5–7e	6	7 12	4 35
50]	*3rd Sunday in Advent.*					Day's length 9 hours 22 min.			
Sunday	13 Lucy	7	6 6	♓ 7	morn	13.☌☌♆, ☌♃☉	6	7 13	4 35
Monday	14 Nicasius	8	6 55	♈ 8	12 30	Castor so 2 01m	5	7 14	4 35
Tuesday	15 Ignatius	9	7 46	♈ 9	1 43	Perseus so 9-11 e	5	7 14	4 36
Wednesd	16 *Ember Day*	10	8 40	♉10	2 56	☾ Perigee	5	7 15	4 36
Thursday	17 Lazarus	11	9 37	♉11	4 11	Hercules sets 6–8 e	4	7 16	4 36
Friday	18 *Ember Day*	12	10 37	♊12	5 24	Pleiades so 10 00 e	3	7 16	4 37
Saturday	19 *Ember Day*	1	11 38	♊13	6 32	♑ sets 9-11e ☌♃☽	3	7 17	4 37
51]	*4th Sunday in Advent.*					Day's length 9 hours 19 min.			
Sunday	20 Ammon	2	morn	♊14	rises eve.	20. ♃ sets 6 38 m	2	7 18	4 37
Monday	21 *Winter beg.*	2	12 38	♋15	5 56	Winter begins, ☉ enters♑	2	7 18	4 38
Tuesday	22Beata	3	1 34	♋16	7 4	Swan sets10-11 e ☌♅☽	1	7 19	4 38
Wednesd	23 Dagobert	4	2 26	♌17	8 10	Orionso 11-12e	1	7 19	4 39
Thursday	24 Adam, Eve	5	3 13	♌18	9 13	Betelguese so 11 40 e	*slo*	7 20	4 40
Friday	25 *Christmas*	5	3 58	♍19	10 14	Aldebaran so 10 17 e	0	7 20	4 40
Saturday	26 Stephen	6	4 39	♍20	11 13	♋ rises 7–8e	1	7 20	4 41
52]	*1st Sunday after Christmas*					Day's length 9 hours 20 min.			
Sunday	27 *John, Evang.*	7	5 19	♍21	morn	Sirius so 12 26m	1	7 21	4 41
Monday	28 H. Innocents	7	5 59	♎22	12 12	28. ☾ Apogee	2	7 21	4 42
Tuesday	29 Noah	8	6 40	♎23	1 11	Auriga so 10 11 30-30e, ☌♆☽	2	7 21	4 43
Wednesd	30 David	9	7 23	♏24	2 11	♊ so 12-1m ☌☌☽, ☌♄☽	3	7 22	4 43
Thursday	31 *N. Year's E.*	10	8 9	♏25	3 12	♄ rises 2 26m	3	7 22	4 44

December has 31 Days.

MOON'S PHASES, Etc.

December

New Moon the 6th, at 5 o'clock 48 minutes in the morning; unsettled.

First Quarter the 13th, at 11 o'clock 30 minutes in the morning; fair.

Full Moon the 20th, at 6 o'clock 43 minutes in the morning; colder.

Last Quarter the 28th, at 12 o'clock 43 minutes in the morning; milder.

Probable State of the Weather.

DECEMBER

1–3 Storm period. Heavy gales along the Pacific coast and snow storms in the Rockies. Very windy on the western plains. Fair in the east, becoming overcast and stormy.

4–7 Variable weather. Clearing and colder in Oregon and Washington, warm, sunny weather in California. Stormy in the Ohio River, Great Lakes and north Atlantic states. Fair in the southeast.

8–11 Windy spell. Stormy in the Mississippi valley and very windy along the Gulf of Mexico. Gales on the Pacific coast. Colder in the east with frosts in southern sections.

12–15 Storm period. Sleet and snow in the northwestern states and showers in California. Unsettled in central sections, fair in the Atlantic states, becoming stormy and wet.

16–19 Unsettled weather. Snow flurries in the Northeastern states and showers further south. Pleasant in the Mississippi valley and mostly fair westward to the Pacific.

20–23 Local storms. Overcast skies and scattered showers in most parts of the south. Blustery in the Ohio River valley and north Atlantic states. Colder in the northwest, pleasant in southwest.

24–27 Fair weather. Clearing and colder in the northeast, pleasant in the lower Atlantic and Gulf States. Overcast in central sections and stormy further west with rain or snow at many points.

28–31 Storm period. Stormy in most sections east of the Mississippi River, with cold winds deep into the south. Warmer and dry in the southwest, scattered snows in northwest, rains on the coast.

Precipitation above normal for the month, temperatures below average.

DECEMBER FARM & GARDEN LORE

"When the horned owls hoot in the hollow the weather will change."

Water poinsettias daily.

Take inventory—what you have done and what you have not done during this year, and what you must do next year.

Protect house plants when the temperature drops to zero. Place both cardboard and newspapers between them and the windows, or remove them from the window sills. Many plants cannot survive a severe chilling. If a plant has suffered severe chilling or freezing, keep it in a cool place and cut off drooping leaves. Always use slightly tepid or room-temperature water in watering your plants. Sometimes it is better not to water them at all on extremely cold days.

PARTICULAR CUSS

"I hear your neighbor withdrew his application to enter the county poorhouse."

"Yep. Said he found out they have no garage out there for his car."

DANGER IN THE KITCHEN

Don't make your kitchen the most dangerous room in the house. It is, all too often, for farm wives who fail to take simple precautions.

For instance, a steaming kettle or roaster opened the wrong way can cause a nasty scalding. Before opening, cover your hand with a cloth and lift the far side of the cover first. Steam will thus escape, but won't hit you in the face.

Pan handles should be turned away from the front of the range or the edge of the table, out of the children's reach. Knives and other cutting implements should also be kept from spots where children can handle them. With knives, another safety hint is to make all cutting strokes away from your body when carving.

Don't stack boxes or mount chairs to reach high shelves. Use a safe step-stool, with each step wide enough to stand on, non-skid or roughened to prevent slipping.

More articles to keep from children's reach: matches, medicines, insecticides and drugs.

You'll be safe and not sorry if you avoid using gasoline or kerosene to start kitchen range fires. Flues and stove pipes should be checked regularly. Keep toys and other objects out of your working floor area. Never walk through the kitchen—or anywhere in the house—in the dark, for a forgotten roller skate can cause an unforgettable broken hip.

And no matter how trivial any injury may seem, apply first aid at once.

THE STORKSBILL AS A PROPHET

The seed of the storksbill, related to the geranium, is used by a number of Milwaukee residents as a weather prophet. Its adherents claim it is infallible. The seed, less than a half-inch long, has a point on one end and a "sickle"-shaped spiral on the other. To use it, the advocates put the seed through a hole in a small cardboard box. The "sickle" sticks out like a pointer. They observe where the sickle points in various types of weather, and note "rain" or "clear", etc., for the direction it takes during those periods. After that, they just look at the pointer and read the word beside it. The plant is a weed which originated in Germany. While the predictions in this Almanac are not based on the Storksbill, we were interested in hearing about the Storksbill and figure our readers may be too.

Vegetable Planting Table.

VEGETABLES	AMOUNTS REQUIRED FOR 100 FEET OF ROW		DISTANCE APART ROWS		Distance Between Plants in Row	TIME TO SOW OR PLANT IN OPEN
	Seed	Plants	Cultivation (Horse) Feet	Cultivation (Hand) Feet	Inches	
Artichoke, Globe	½ oz	50	3 to 4	3	24 to 36	Spring
Artichoke, Jerusalem	——	4 lbs tubers	3	2 to 3	18	Spring
Asparagus, Seed	1 oz	——	2½ to 3	1 to 2	——	Spring
Asparagus, Plants	——	60 to 75	3 to 5	2	18	Spring
Bean, Bush	1 lb	——	2⅛ to 3	1½ to 2	4	April to August
Bean, Pole	½ lb	——	3	3	——	May & June
Bean, Lima	1 lb	——	3	1½ to 2	6	May & June
Beet	2 oz	——	2 to 3	1 to 1½	2 to 5	March to August
Brussels Sprouts*	1 pkt	75	2½ to 3	2	18	April to July
Cabbage*	1 pkt	65 to 90	2½ to 3	2	12 to 18	April to July
Carrot	1 oz	——	2½ to 3	1½	3 to 5	March to July
Cauliflower*	1 pkt	75	2½ to 3	2	18	April to July
Celery*	1 pkt	200 to 250	3 to 4	1½ to 4	4 to 6	May to August
Chicory	½ oz	——	2½ to 3	1½	3 to 4	May & June
Corn Salad	2 oz		2½	1	3	August & Sept.
Corn, Sweet	½ lb	——	3	2½ to 3	6 to 9	May to July
Cucumber	½ oz	——	4 to 6	4 to 6	48	May to July
Eggplant*	1 pkt	50 to 75	3	2 to 2½	18 to 24	May & June
Endive	1 oz	100	2½ to 3	1½	9 to 12	April to July
Kale*	1 pkt	75	2½ to 3	1½ to 2	18	April to July
Kohl-Rabi	½ oz	——	2½	1½	6	April to July
Leek	½ oz	——	2½	1¼ to 1½	6	March to May
Lettuce	½ oz	150	2½	1 to 1½	9 to 12	March to Sept.
Melon. Musk	½ oz	——	6 to 8	6	——	May & June
Melon, Water	1 oz	——	8	8	——	May & June
Mustard	1 oz	——	2½	1 to 1½	4 to 6	March to Sept.
Okra	2 oz	75 to 100	3 to 4	2 to 3	24	May & June
Onion, Seed	1 oz	——	2½	1 to 2	3 to 5	March to May
Onion, Sets	1 qt	——	2½	1	2 to 4	February to April
Parsley	½ oz	——	2 to 3	1 to 1½	6	Spring
Parsnip	½ oz	——	2½ to 3	1½ to 2	3 to 6	March to May
Peas	1 to 2 lbs	——	3 to 4	2½ to 4	——	March to May
Pepper*	1 pkt	75	3	1½ to 2	——	May & June
Potato, White	5 lbs	——	3	2 to 3	15 to 18	March to June
Potato, Sweet	3 lbs	75	3 to 5	3 to 5	18	May & June
Pumpkin	½ oz	——	8 to 12	8	——	May & June
Radish	1 oz	——	2	1	1	March to Sept.
Rhubarb	½ oz	33	3	3	36	Spring
Rutabaga	½ oz	——	2½ to 3	1½ to 2	6 to 8	June & July
Salsify	1 oz	——	2½ to 3	1½	3	Spring
Spinach	1 oz	——	2½	1	3	Aug. to Nov.
Spinach, New Zealand	1 oz	——	3	2	12	April & May
Squash, Bush	½ oz	——	3 to 4	3 to 4	——	May & June
Squash, Winter	½ oz	——	6 to 10	6	——	May & June
Swiss Chard	½ oz	——	3	1½ to 2	12	March to June
Tomato*	1 pkt	33 to 50	4	3	24 to 36	May & June
Turnip	½ oz	——	2 to 3	1½ to 2	6	July & August
Vegetable Marrow	½ oz	——	8	6	——	May & June

(*) To be started in hotbed. The celery for early crop only.

THE GARDEN SIGNS.

The days of each month in which the moon sign coincides with the sun sign, the influence of the sign is supposed to be greatly intensified. The first day the moon in a sign is better than the second, and the second better than the third. Those who know the importance of these laws are ready to plant at the proper time, knowing that seeds planted in a barren sign, a scanty crop will follow; if planted in a fruitful sign, a full crop will follow. The time to plant the garden is when the earth is in a good sign, and the day to plant is when the moon is in the sign. The time to harvest is when the sign is right.

Aries — Ram, Head—A movable fire sign governed by the sun; seeds if planted in this sign produce vines or stalks.

All crops that produce their yield above the surface of the ground should be planted in the new or increase light of the moon to grow vigorously. For best yield grain should be planted in the dark of the moon.

Taurus — Bull, Neck — Fixed earthly sign governed by Mercury; will do good for all root crops of quick growth.

All root crops that produce their yield in the ground should be planted in the old or decrease light of the moon to produce a good yield.

Gemini—Heavenly Twins—Arms — Barren sign; good sign to plant melon seeds. A good sign to stir the soil to subdue all noxious weeds. Plants that produce their yield above the ground may be planted in any sign of the upper part of the body.

Cancer — Crab Fish, Breast — A watery, fruitful, movable sign; germinate quickly. It is favorable to growth and insures an abundant yield. If it comes at full of the moon it is a good time to plant beans; if at time of new moon, lentils. Best time to sow peas if the day follows the new moon, as they will grow quickly, have abundant flowers and yield; peas, if sown immediately after the second quarter, will bear but little; if sown a day or two after the full moon will bloom and fruit in abundance, but no yield; if sown a day or two after the full moon is out they will little more than break through the ground.

If this sign comes just before the full of the moon it is a good time to plant or prune fruit trees. Cancer is a good earth sign to prune grape vines.

Leo—Lion, Heart—A barren fiery sign; is only favorable to the destruction of noxious growth. Weeds, briars and bushes cut off in the old of the moon in August when its place is in Leo (sign of the lion) will be more certainly destroyed than if done at any other time.

The timber cut in the old of the moon in August will not be eaten by worms nor snap in burning, and will last much longer than if cut at any other time.

Virgo—Virgin, Bowels—A barren sign; the bloom of flower girl, makes many and beautiful flowers, but unfavorable to the growth of seed or transplanting.

 Libra — Balance-Scales, Reins — A strong movable sign. Seeds planted at this time produce vigorous pulp growth and roots and a reasonable amount of grain.

Scorpion — Secret, Loins — A fruitful sign producing watery effects. A good sign to plant corn.

Sagittarius — Archer, Bowman, the Thighs —Fiery masculine sign. Will not do well as it is not a very favorable time to plant or transplant. If the moon is dark or on the wane, radishes or potatoes may be planted, as root crops are said to do well if planted in signs of lower part of the body.

 Capricorn — Goat, Knees — A moist, movable sign, produces rapid growth of pulp stalk or roots, but not much grain.

 Aquarius—Waterman, Legs—Airy masculine sign. Seed does not grow well. Do not plant seed as it will rot, and is only thrown away.

 Pisces — Fish, Feet — A watery feminine sign; will produce excellent results and is one of the best signs for producing the fruit of the earth. Being a watery sign assists vegetation to withstand a drouth. This is an especially good sign if the moon is dark or on the wane. This is a good sign to make sourkraut.

Fish bite best during the signs of the Fish, Crab, or Scorpion. Fish at night in light of moon, but not in daytime. Fish in daytime in dark of moon, as fish cannot see in dark of moon and are hungrier in daytime.

The hair should be cut on the increase of the moon if you want a thick head of hair; on the decrease if the reverse.

The same applies to sheep; if you shear sheep in the increase of the moon their wool will grow again better and stronger.

RECIPES FROM LANCASTER COUNTY

DUTCH VEGETABLE SOUP
With Dumplings

1 beef shin bone with meat
3 tablespoons butter
6 small carrots
3 small turnips
3 stalks celery with leaves
3 medium tomatoes
3 onions
½ small head of cabbage
1 green pepper
1 sprig parsley
1 teaspoon powdered thyme
1 tablespoon salt
½ teaspoon garlic salt (optional)

Chop parsley and mix with thyme, salt and garlic salt. Rub this dry mixture into the meat.

Melt butter in soup kettle. Place meatbone in butter and brown lightly on both sides. Add 1 quart of hot water or enough to cover the meatbone completely. Bring to heavy boil for one minute. Turn heat to low so that liquid simmers gently.

Skin and dice carrots and turnips. Chop celery, including the leaves. Peel and dice tomatoes. Chop onions and pepper.

When meat has cooked to desired softness, add the vegetables, and dilute with enough water to cover completely. Boil lightly until vegetables are tender.

NOTE: When diluting, add hot water. While meat simmers, keep adding water so that meat is never uncovered. This soup is better the second day. To preserve, let cool and refrigerate. Before reheating, skim fat from top.

Dumplings

1 teaspoon butter
3 tablespoons flour
½ teaspoon salt
water to moisten

Melt butter. Stir flour into butter, using a fork until it is thoroughly mixed. Stir in salt. Add water to moisten, stirring with fork. If mixture begins to get stringy, add a little more flour. Cover palms of your hands with flour, and taking about ½ teaspoon of mixture, shape into small balls, placing the balls on a floured plate.

When the soup is cooked, turn heat to high so that liquid boils heavily.

Drop dumplings into soup quickly, and cover. Keep lid on while dumplings cook—about 8 to 10 minutes.

Jean M. Bollinger
Gordonville RD, Pa.

WALNUT KISSES

1 pound walnuts, finely chopped
2 cups flour
5 tablespoons flour
6 egg whites
1 teaspoon vanilla

Beat egg whites until stiff but not dry.
Gradually add sugar and continue to beat until well blended.
Sift flour lightly over beaten whites and fold in with a wire whisk.
Add vanilla and blend into mixture.
Drop by teaspoonfuls onto greased baking sheets about 2 inches apart.
Bake at 325° for about 10 minutes.
Remove from pan at once.
Makes 6 dozen small cookies.

* * *

This recipe is reprinted from the Mennonite Community Cookbook. It was contributed by Mrs. Benjamin Baer, East Peterburg, and Mrs. Aaron Groff, Bareville, both in Lancaster County, Pa.

ROSEMARY BISCUITS

2 cups flour
4 teaspoons baking powder
½ teaspoon salt
1 teaspoon finely chopped fresh rosemary
or ½ teaspoon powdered dried rosemary
4 tablespoons shortening
¾ cup milk

Combine the first four ingredients, blend in the shortening and add milk to make a soft dough.
Pat out to ½ inch thickness and cut in squares or with a biscuit cutter.
Serve on chicken pie or with creamed chicken.

MORAVIAN EASTER SUGAR CAKE

2/3 cup shortening
1 cup milk
½ cup granulated sugar
1 cup warm mashed potatoes
2 teaspoons salt
2 eggs, well beaten
1 cake yeast, dissolved in ½ cup of warm water
7 cups of enriched flour

Let rise until again the amount of dough.
When risen spread on cake pans about ¾ inch thick.
Let rise again, then top with light brown sugar mixed with a little flour (spread on cake).
Make holes with thumb or knife handle. Put bits of butter in holes, then sprinkle with cinnamon.
Bake at 350 or 375 F. to a light brown.

Mrs. George L. Hepp Lititz, Pa.

WRIGHT'S Fishing Calendar for 1953

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	F Ev.	G Ev.	G Ev.	B Ev.	F Ev.	G Ev.	B Ev.	F Mo.	P Mo.	P Mo.	F Mo.	P Mo.	1
2	F Ev.	F Ev.	F Ev.	B Ev.	F Ev.	G Ev.	P Ev.	F Mo.	B Mo.	P Mo.	P Mo.	G Mo.	2
3	P Ev.	P Ev.	F Ev.	P Ev.	F Ev.	B Ev.	P Mo.	P Mo.	B Mo.	P Mo.	P Mo.	G Mo.	3
4	F Ev.	P Ev.	G Ev.	P Ev.	F Ev.	B Mo.	P Mo.	P Mo.	P Mo.	F Mo.	P Mo.	F Mo.	4
5	F Ev.	G Ev.	G Ev.	F Ev.	G Ev.	P Mo.	F Mo.	B Mo.	P Mo.	P Mo.	F Mo.	P Mo.	5
6	P Ev.	G Mo.	G Ev.	F Mo.	G Mo.	P Mo.	F Mo.	B Mo.	P Mo.	P Mo.	F Mo.	P Mo.	6
7	P Ev.	P Mo.	P Ev.	F Mo.	B Mo.	F Mo.	P Mo.	G Mo.	P Mo.	P Mo.	P Mo.	P Mo.	7
8	P Mo.	P Mo.	P Mo.	G Mo.	B Mo.	F Mo.	P Mo.	P Mo.	P Mo.	P Mo.	P Mo.	P Mo.	8
9	G Mo.	P Mo.	F Mo.	G Mo.	P Mo.	P Mo.	F Mo.	P Mo.	P Mo.	F Mo.	P Mo.	G Mo.	9
10	G Mo.	F Mo.	F Mo.	B Mo.	P Mo.	P Mo.	F Mo.	P Mo.	P Mo.	G Mo.	F Mo.	G Mo.	10
11	P Mo.	P Mo.	G Mo.	G Mo.	P Mo.	P Mo.	P Mo.	P Mo.	G Mo.	P Mo.	F Mo.	B Mo.	11
12	P Mo.	F Mo.	G Mo.	P Mo.	P Mo.	F Mo.	P Mo.	F Mo.	G Mo.	P Mo.	G Mo.	B Mo.	12
13	P Mo.	F Mo.	G Mo.	P Mo.	P Mo.	F Mo.	P Mo.	P Mo.	G Mo.	P Mo.	G Mo.	B Ev.	13
14	P Mo.	G Mo.	G Mo.	P Mo.	P Mo.	P Mo.	F Mo.	P Mo.	P Mo.	F Mo.	B Ev.	P Ev.	14
15	F Mo.	G Mo.	P Mo.	P Mo.	G Mo.	P Mo.	F Mo.	G Mo.	P Mo.	F Ev.	B Ev.	P Ev.	15
16	F Mo.	P Mo.	P Mo.	P Mo.	G Mo.	F Mo.	P Mo.	G Mo.	F Ev.	G Ev.	P Ev.	F Ev.	16
17	G Mo.	P Mo.	P Mo.	P Mo.	G Mo.	F Mo.	P Mo.	G Ev.	F Ev.	G Ev.	P Ev.	G Ev.	17
18	B Mo.	F Mo.	F Mo.	B Mo.	P Mo.	F Mo.	P Ev.	P Ev.	G Ev.	B Ev.	F Ev.	F Ev.	18
19	P Mo.	F Mo.	P Mo.	B Mo.	P Mo.	P Ev.	G Ev.	P Ev.	B Ev.	B Ev.	G Ev.	F Ev.	19
20	P Mo.	P Ev.	P Mo.	P Ev.	F Ev.	P Ev.	G Ev.	F Ev.	B Ev.	F Ev.	F Ev.	B Ev.	20
21	F Ev.	P Ev.	P Mo.	P Ev.	F Ev.	P Ev.	P Ev.	G Ev.	B Ev.	F Ev.	F Ev.	B Ev.	21
22	F Ev.	B Ev.	B Ev.	P Ev.	F Ev.	G Ev.	P Ev.	B Ev.	B Ev.	G Ev.	B Ev.	F Ev.	22
23	F Ev.	B Ev.	B Ev.	F Ev.	P Ev.	B Ev.	G Ev.	B Ev.	F Ev.	G Ev.	B Ev.	P Ev.	23
24	P Ev.	B Ev.	P Ev.	F Ev.	F Ev.	F Ev.	G Ev.	B Ev.	F Ev.	F Ev.	B Ev.	P Ev.	24
25	P Ev.	F Ev.	P Ev.	F Ev.	B Ev.	F Ev.	G Ev.	B Ev.	G Ev.	F Ev.	P Ev.	F Ev.	25
26	B Ev.	F Ev.	P Ev.	F Ev.	B Ev.	G Ev.	B Ev.	P Ev.	F Ev.	B Ev.	P Ev.	F Ev.	26
27	B Ev.	G Ev.	G Ev.	F Ev.	F Ev.	G Ev.	B Ev.	F Ev.	P Ev.	B Ev.	F Ev.	F Mo.	27
28	B Ev.	G Ev.	B Ev.	F Ev.	B Ev.	B Ev.	B Ev.	F Ev.	P Ev.	P Ev.	F Mo.	P Mo.	28
29	F Ev.		F Ev.	B Ev.	F Ev.	G Ev.	B Ev.	F Ev.	B Mo.	P Mo.	P Mo.	P Mo.	29
30	F Ev.		F Ev.	F Ev.	G Ev.	B Ev.	P Ev.	P Ev.	B Mo.	P Mo.	F Mo.	G Mo.	30
31	F Ev.		F Ev.		G Ev.		P Ev.	P Mo.		F Mo.		G Mo.	31

Explanation: B Best; G Good; F Fair; P Poor; Mo. and Ev. give the best time of day, but are subject to change by local conditions, such as high winds, storms or cold. In tidal waters use the incoming tide and through the stand. These forecasts are based on fishing experience over many years. Hart Wright Company, Inverness, Florida.

SUNDAY MORNING TOMATO JUICE

Wash and cut out stem ends of eight quarts of whole ripe tomatoes. Do not skin and do not add any water. With these tomatoes add two large onions cut in thin slices and four stems of celery cut in short pieces. Boil this mixture until completely soft. Strain thru a sieve small enough so as not to allow the tomato seeds to go thru. This will make a thin puree.

Bring to a steady boil again and add sugar, salt and pepper to taste. Sterilize jars and process the same as for any other foods for winter keeping. This amount will make about one quart less than the amount you start with.

* * *

"I call this Sunday morning tomato juice because that is the time of the week best suited for my husband to help make the juice. One prepares the tomatoes and one takes care of the stove.

"Quick and easy."

Janet S. Eshelman
Rohrerstown, Pa.

HEART PATCHES FOR SHEETS

A reader suggests: "When we were young, Mother used to mend rips in sheets with patches of printed percale cut into heart forms. All the kids wanted 'the sheets with the hearts' on their beds."

OLD-FASHIONED CHICKEN CORN SOUP

1 chicken, 4 lbs., cook in 2 qt. water
6 eggs
4 potatoes
1 can whole white corn
2 cups noodles
Sprig of parsley

Cook chicken till tender, cool, cut in pieces.
Cook eggs till hard, cut in pieces.
Cook potatoes till soft, cut in small pieces before cooking
Take chicken, eggs, potatoes, corn, parsley and noodles and add to broth. Add salt to taste and a little pepper.
Cook together till noddles are soft, then serve with a salad and crackers and coffee and cake. Serves 6.

* * *

"This recipe has been in my family for years and is a really delicious soup."

Mrs. Ivan E. Myers, Jr.
Spring Grove, Pa., RD 1

MENNONITE COMMUNITY COOKBOOK

You can order Mary Emma Showalter's excellent Mennonite Community Cookbook from us. It contains 1,400 mouth-watering recipes from outstanding Mennonite cooks in the U. S. and Canada. Price: Regular edition, $3.50; de luxe, thumb-indexed edition, $4.50.

Agricultural Almanac

CHURCH DAYS, HOLIDAYS, ETC., for 1953

New Year's Day (Circumcision)	Jan. 1
Holy Name of Jesus	Jan. 4
Epiphany	Jan. 6
Feast of the Holy Family	Jan. 11
Lee's Birthday	Jan. 19
Inauguration Day	Jan. 20
McKinley's Birthday	Jan. 29
Septuagesima Sunday	Feb. 1
Purification (Candlemas)	Feb. 2
Ground Hog Day	Feb. 2
Sexagesima Sunday	Feb. 8
Lincoln's Birthday	Feb. 12
St. Valentine's Day	Feb. 14
Quinquagesima Sunday	Feb. 15
Shrove Tuesday	Feb. 17
Mardi Gras	Feb. 17
Ash Wednesday (Lent begins)	Feb. 18
Quadragesima Sunday (Lent 1)	Feb. 22
Washington's Birthday	Feb. 22
Ember Days	Feb. 25, 27 & 28
Hebrew Fast of Esther	Feb. 28
Hebrew Purim	Mar. 1 & 2
Mid-Lent Sunday	Mar. 15
St. Patrick's Day.	Mar. 17
Passion Sunday	Mar. 22
Annunciation (Lady Day)	Mar. 25
Palm Sunday	Mar. 29
First Day of Passover (Heb.)	Mar. 31
Maundy Thursday	Apr. 2
Good Friday	Apr. 3
Easter Sunday	Apr. 5
Low Sunday	Apr. 12
Jefferson's Birthday	Apr. 13
Pan-American Day	Apr. 14
Southern Memorial Day	Apr. 26
Grant's Birthday	Apr. 27
Invention of Cross	May 3
Hebrew Lag-B'Omer	May 3
Rogation Sunday	May 10
Mother's Day	May 10
Ascension (Holy) Thursday	May 14
Armed Forces Day	May 16
Peace Day	May 18
Hebrew Shebuoth	May 20
National Maritime Day	May 22
Pentecost (Whitsunday)	May 24
Ember Days	May 27, 29 & 30
Memorial Day	May 30
Trinity Sunday	May 31
Jefferson Davis' Birthday	June 3
Corpus Christi	June 4
Flay Day	June 14
Children's Day	June 14
Fathers' Day	June 21
Hebrew Fast of Tammuz	June 30
Dog Days begin	July 3
Independence Day	July 4
St. Swithin's Day	July 15
Hebrew Fast of Av	July 21
Transfiguration	Aug. 6
Dog Days end	Aug. 11
Assumption B. V. M.	Aug. 15
Labor Day	Sept. 7
Hebrew New Year	Sept. 10
Defense Day	Sept. 12
Hebrew Fast of Gedaliah	Sept. 12
Holy Cross Day	Sept. 14
Ember Days	Sept. 16, 18 & 19
Constitution Day	Sept. 17
Hebrew Yom Kippur	Sept. 19
Hebrew Succoth	Sept. 24
Gold Star Mother's Day	Sept. 27
Fire Prevention Day	Oct. 9
Columbus Day	Oct. 12
United Nations Day	Oct. 24
Christ, the King	Oct. 25
Zwinglius	Oct. 29
Hallowe'en	Oct. 31
All Saints' Day	Nov. 1
All Souls' Day	Nov. 2
Election Day	Nov. 3
Armistice Day	Nov. 11
Thanksgiving Day	Nov. 26
Advent Sunday	Nov. 29
Immaculate Conception	Dec. 8
Ember Days	Dec. 16, 18 & 19
Vigil of Christmas	Dec. 24
Christmas Day	Dec. 25
Holy Innocents	Dec. 28
New Year's Eve.	Dec. 31

ANATOMY OF MAN'S BODY,
AS SAID TO BE GOVERNED BY THE TWELVE CONSTELLATIONS.

The Head and Face — Aries.

Arms, Gemini.

Neck, Taurus.

Heart, Leo.

Breast, Cancer.

Reins, Libra.

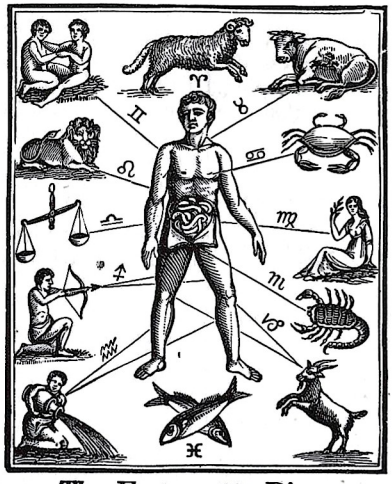
Bowels, Virgo.

Thighs, Sagittarius.

Secrets, Scorpio.

Legs, Aquarius.

Knees, Capricorn.



The Feet — Pisces.

A PAGE YOU WON'T WANT TO MISS

A FAMOUS WEATHER FORECAST

One of the most famous weather forecasts ever made is in poetry form, based on a letter written in 1810 by Dr. Edward Jenner, who is known to posterity as the inventor of vaccination. In his letter, he summed up his prognostications for rain based on observations of birds, animals and other natural phenomena, and few authorities can take issue with his findings in 1953—143 years later.

Dr. Jenner had an appointment with a lady for a walk on Sunday. But on Saturday he took a look about the out-of-doors and decided that rain was on its way. His message to her, said to have been put into verse by the great Darwin, follows in entirety:

The hollow winds begin to blow,
The clouds look black, the glass is low,
The soot falls down, the spaniels sleep,
And spiders from their cobwebs creep;
Last night the sun went pale to bed,
The moon in halos hid her head;
The boding shepherd heaves a sigh,
For see, a rainbow spans the sky;
The walls are damp, the ditches smell,
Closed is the pink-eyed pimpernel;
The squalid toads at dusk were seen
Slowly crawling o'er the green;
Loud quack the ducks, the peacocks cry,
The distant hills are looking nigh;
Hark, how the chairs and tables crack:
Old Betty's joints are on the rack;
And see yon rooks, how odd their flight,
They imitate the gliding kite,
Or seem precipitate to fall
As if they felt the piercing ball;
How restless are the snoring swine!
The busy flies disturb the kine;
Low o'er the grass the swallow wings;
The cricket too, how loud she sings!
Puss on the hearth, with velvet paws,
Sits wiping o'er her whiskered jaws:—
'Twill surely rain, I see, with sorrow:
Our jaunt must be put off tomorrow.

—If you read closely, each line bears wisdom, even though the wording is that of an ancient day.

FACTS ABOUT 1953

This year is identical with 1942 in that it starts on a Thursday and ends on a Thursday. The next year exactly like it will be 1959.

If you are superstitious about Friday the 13th, you will have to be especially careful in three months —February, March and November.

Easter in 1953 falls on April 5. It will be the last time Easter falls on April 5 in this century.

WHEN CHRISTMAS FALLS ON THURSDAY

When Chirstmas falls on a Thursday, certain events—both pleasant and distasteful—are bound to occur, according to verse in a manuscript in the British Museum. It includes predictions of good fortune for children born Christmas Thursday, and bad luck for thieves. Thursday Christmas years include 1947, 1952 and 1958. The verse follows:

If Christmas day on Thursday be,
A windy winter you shall see;
Windy weather in each week,
And hard tempests, strong and thick;
The summer shall be good and dry,
Corn and beasts shall multiply;
That year is good for lands to till;
Kings and princes shall die by skill;
If a child born that day shall be,
It shall happen right well for thee:
Of deeds he shall be good and stable,
Wise of speech, and reasonable.
Whoso that day goes thieving about,
He shall be punished, without doubt:
And if sickness that day betide,
It shall quickly from thee glide.

FUTURE EASTER DATES

Easter Sunday will fall on the following dates from next year through the year 2000.

1954	April	18	1978	March	26
1955	April	10	1979	April	15
1956	April	1	1980	April	6
1957	April	21	1981	April	19
1958	April	6	1982	April	11
1959	March	29	1983	April	3
1960	April	17	1984	April	22
1961	April	2	1985	April	7
1962	April	22	1986	March	30
1963	April	14	1987	April	19
1964	March	29	1988	April	3
1965	April	18	1989	March	26
1966	April	10	1990	April	15
1967	March	26	1991	March	31
1968	April	14	1992	April	19
1969	April	6	1993	April	11
1970	March	29	1994	April	3
1971	April	11	1995	April	16
1972	April	2	1996	April	7
1973	April	22	1997	March	30
1974	April	14	1998	April	12
1975	March	30	1999	April	4
1976	April	18	2000	April	23
1977	April	10			

Clothes often stick to the line on a wintry day. Dip a cloth in vinegar and wipe the line to prevent the sticking.

SHORT ALMANAC FOR THE YEAR 1953

Being the 1st after Leap Year, and the 177th of American Independence.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
JAN.					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
FEB.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
MAR	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				
APR.				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
MAY						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
JUNE		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				
JULY				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
AUG.							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
SEPT.			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30			
OCT.					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
NOV.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					
DEC.			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

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